# GIS REGISTRY INFORMATION SITE NAME: BRRTS # and FID #: 1671 36286 CLOSURE DATE: Lalle. STREET ADDRESS: CITY: SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): OFF-SOURCE CONTAMINATION (>ES): Yes (if there are more than 2 off-source properties, make a note and attach additional sheet(s)) IF YES, STREET ADDRESS 1: GPS COORDINATES (meters in WTM91 projection): X≔ Y= IF YES, STREET ADDRESS 2: GPS COORDINATES (meters in WTM91 projection): X= YΞ CONTAMINATION IN RIGHT OF WAY: Yes CONTAMINATED MEDIA: (Groundwater, Soil or Both?) 1104-61 DOCUMENTS NEEDED: Closure Letter, and any conditional closure letter issued Copy of most recent deed, including legal description, for all affected properties Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties County Parcel ID number, if used for county, for all affected properties Location Map which outlines all properties within contaminated site boundaries in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy) Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries; contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) Tables of Latest Groundwater Analytical Results (no shading or cross-hatching) Isoconcentration map(s), if available from site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of contamination defined. If not available, include the following 2 types of maps: Latest groundwater flow/monitoring well location map Latest extent of contaminant plume map

GWUSE Restriction GIS 2/13/02 version 3 - modified 11/12/02 by Andy Boettcher RR/SER

Geologic cross-sections, if available from Si. (8.5x14' if paper copy)

Copies of off-source notification letters (if applicable)

condition of closure.

IRP certified statement that legal descriptions are complete and accurate

Copy of (soil or land use) deed restriction(s) or deed notice if any required as a

Letter informing ROW owner of residual contamination (if applicable)



# State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor Darrell Bazzell, Secretary Gloria L. McCutcheon, Regional Director Waukesha Service Center 407 Pilot Court, Suite 100 Waukesha, Wisconsin 53188 Telephone 262-574-2100 FAX 262-574-2117

June 11, 2003

Mr. A. J. Costigan Mr. Richard Rosenbalm Level Valley Creamery, Inc. 807 Pleasant Valley Road West Bend, WI 53095

FID# 267030280 BRRTS# 02-67-118290

Subject: Final Case Closure for Level Valley Creamery, Inc., 807 Pleasant Valley Road, West Bend

Dear Mr. Costigan and Mr. Rosenbalm:

On February 18, 2003, the Department of Natural Resources (Department) notified you that conditional closure was granted to this case. The Department has received correspondence indicating that you have complied with the conditions of closure. On May 9, 2003, the well abandonment forms were received and on May 28, 2003 the recorded deed restriction was received at the Department. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit <a href="http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm">http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm</a>

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (262) 574-2140.

Sincerely,

Brenda H. Boyce, P.G.

Hydrogeologist

Remediation and Redevelopment Program

C: Tom Kroeger - STS Consultants, Ltd.

Gunda & Bouce

John Van Lieshout - Reinhart, Boerner, Van Deuren





# State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor Darrell Bazzell, Secretary Gloria L. McCutcheon, Regional Director Waukesha Service Center 407 Pilot Court, Suite 100 Waukesha, Wisconsin 53188 Telephone 262-574-2100 FAX 262-574-2117

February 18, 2003

Mr. A. J. Costigan Mr. Richard Rosenbalm 807 Pleasant Valley Road West Bend, WI 53095

FID#267030280 BRRTS#02-67-118290

Subject: Conditional Case Closure for Level Valley Creamery, Inc., 807 Pleasant Valley Road, West Bend

Dear Mr. Costigan and Mr. Rosenbalm:

On January 31, 2003, the Department of Natural Resources (Department) received the information required to complete our review of your closure request. The laboratory analytical results from STS Consultants reported that no chlorinated compounds were detected in the groundwater at the neighboring private wells. In addition, the GIS packages for the soil and groundwater registries, the draft deed restriction and the pavement maintenance plan for the above-referenced site were submitted by Reinhart, Boerner, Van Deuren. Based on our review of this information, it appears that the petroleum and chlorinated solvent contamination at the site has been investigated and remediated to the extent practicable under site conditions. Your case meets the screening criteria of s. NR 746.07, Wis. Adm. Code, and the requirements of ch. NR 726, Wis. Adm. Code and will be closed if the following conditions are satisfied:

- The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Ms. Victoria Stovall on Form 3300-5B found at <a href="https://www.dnr.state.wi.us/org/water/dgw/gw/">www.dnr.state.wi.us/org/water/dgw/gw/</a> or provided by the Department of Natural Resources.
- After the Department of Natural Resources has reviewed the draft deed document for completeness, you should sign it (if you own the property), or have the appropriate property owner sign it, and have it recorded by the Washington County Register of Deeds. Then you must submit a copy of the recorded document, with the recording information stamped on it, to Ms. Victoria Stovall. Please be aware that if a deed restriction is recorded for the wrong property because of an inaccurate legal description that you have provided, you will be responsible for recording corrected documents at the Register of Deeds Office to correct the problem.

When the above conditions have been satisfied, please submit the documents requested to the Department, and your case will be closed. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your GIS packages will be included on the registry. To review the sites on the GIS Registry web page, visit <a href="http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm">http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm</a>].



If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (262) 574-2140.

Sincerely,

Brenda H. Boyce, P.G.

Hydrogeologist

Remediation and Redevelopment Program

C: Tom Kroeger - STS Consultants, Ltd.

John Van Lieshout - Reinhart, Boerner, Van Deuren

#### EXHIBIT A

## Legal Description

#### Parcel 1:

That part of the North one-half of the Northwest Quarter (N½ of the NW¼) of Section Twelve (12), in Township Ten (10) North, of Range Twenty (20) East, described as follows:

Commencing at a point in the North line of said Section, 1161 feet West of the North quarter post of said Section, and running thence West 215.50 feet, thence South 297 feet, thence East 215.50 feet, thence North 297 feet to the place of beginning.

### Parcel 2:

That part of the North Half of the Northwest Quarter (N½ NW¼) of Section 12, in Township 10 North of Range 20 East, described as follows:

Commencing at a point in the North line of said Section 1376.50 feet West of the North quarter post of said Section, and running thence West 60 feet, thence South 297 feet, thence East 60 feet, thence North 297 feet, to the place of beginning.

#### Parcel 3:

That part of the Northwest Quarter of the Northwest Quarter (NW¼) NW¼) of Section 12, Township 10 North, Range 20 East, Town of Jackson, Washington County, Wisconsin, described as follow:

Commencing 700 feet east of the northwest corner of said Section 12, thence East, along the section line, 487 feet to a point which is 1436.5 feet(????) West of the north one-quarter corner of said section 12, thence south, at right angles, 297 feet; thence West, 487 feet; thence North, 297 feet to the point of beginning.

## Parcel 4:

That part of the North Half of the Northwest Quarter (N½ NW¼) of Section Twelve (12) Township Ten (10) North of Range Twenty (20) East, Town of Jackson, Washington County, Wisconsin, described as follows, viz:

Commencing at the North one-quarter corner of said Section 12; thence West along the section line, 374.00 feet to the point of beginning of this description; thence West along the section line, 787.00 feet; thence South at a right angle, along the property line,

297.00 feet; thence West at a right angle 275.50 feet; thence South 63 degrees 35 minutes East 307.64 feet; thence South 70 degrees 24 minutes East, 331.00 feet; thence North 87 degrees 29 minutes East 478.67 feet; thence North 0 degrees 20 minutes West along a fence line 523.87 feet to the point of beginning.

## Parcel 5:

That part of the North Half of the Northwest Quarter (N½ NW¼) of Section Twelve (12) Township Ten (10) North of Range Twenty (20) East, Town of Jackson, Washington County, Wisconsin, described as follows:

Commencing at the North one-quarter corner of said Section 12; thence West along the section line, 1923.50 feet; thence South at a right angle, 297.00 feet to the point of beginning of this description; thence continuing South, 247.90 feet; thence East, 1074.34 feet; thence North 70 degrees 24 minutes West, 331.00 feet; thence North 63 degrees 35 minutes West, 307.64 feet; thence West, 487.00 feet to the point of beginning.

For informational purposes only:

Parcel identification number: T7 0312 00A Street address: 807 Pleasant Valley Road -5 81376.5 N29.7

WB 50482

236440
WARRANTY DEED—To Coppor

STANDUR 203 NEW 427 No. 4

M. RIEDECARN COMPART, MFG. STATIONERS, MILWAUNES 14

Section 235.16, Wisconsin Statutes

This Indenture, Made this.

day of Marci

March , A. D., 19.57

between.....

Ethel Devenport

part. y of the first part, and

Level Valley Dairy Company

..., a corporation duly organized and

existing under and by virtue of the laws of the State of Wisconsin, located at ... West Bend , Wisconsin, party of the second part,

Witnesseth, That the said part y of the first part, for and in consideration of the sum of One Dollar and other good and valuable considerations

in hand paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, ha. S. given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents do...es. give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate, situated in the County of ... Washington and State of Wisconsin, to-wit:

That part of the North one-half of the Northwest Quarter (N<sub>2</sub> of the  $NW_{\frac{1}{4}}^{\frac{1}{4}}$ ) of Section Twelve (12), in Township Ten (10) North, of Range Twenty (20) East, described as follows:

Commencing at a point in the North line of said Section 1161 feet West of the North quarter post of said Section, and running thence West 215.50 feet, thence South 297 feet, thence East 215.50 feet, thence North 297 feet to the place of beginning.

man della









Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said part y ......... of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To Have and to Hold the said premises as above described with the hereditaments and appurtenances, unto

# And the said Ethel Devenport

for. herself, her heirs, exe	ecutors and administrators, do e.s covenant, grant, bargain, and agre
to and with the said party of the second part, its s	successors and assigns, that at the time of the ensealing and delivery c
these presents she 1.8 well seized	of the premises above described, as of a good, sure, perfect, absolut
	r fee simple, and that the same are free and clear from all incumbrance
whatever,	
a	
and that the above bargained premises in the qui	iet and peaceable possession of the said party of the second part, it
successors and assigns, against all and every pe	erson or persons lawfully claiming the whole or any part thereof
she will forever WARRANT AND DEFE	END.
	of the first part ha.s hereunto set her hand and seal
this 29 this day of March	of the first part has fereunto set finand and seal
SIGNED AND SEALED IN PRESENCE OF	Ethel Nevendon
De Suvertion	Ethel Devenport ( (SEAL)
T. W. Simester	(SEAL)
Arlene Hoerig	(SEAL)
State of Wisconsin,	(SEAL)
WashingtonCounty.	
	92=
the above named Ethel Devenment	9, day of March , A.D., 19, 57
ne above named Ethe L. Devenport	
o me known to be the person who executed the	foregoing instrument and acknowledged the same.
	JU Lucet ?
	T. W. Simester Notary Public Washington County Western
	My commission expires 5/12 AVB 1957
	7.15
<b>建设设施设施 医神经性 计图像数据 经股份的 化双角形式 经现代的 医</b>	

236440

WB153-7 WARRANTY DEED STATE OF WISCONSIN-FORM 9 DOCUMENT NO. 256087 348 PAGE 630 RECURUEU THIS INDENTURE, Made by Douglas D. Devenport and Norrine Devenport, his wife, 1951 MAR 17 AM 9:21 rantor S of Washington County, Wisconsin, hereby conveys nd warrants to Level Valley Dairy Co,, a Qe Wisconsin corporation, REGISTER OF DEEDS
THIS SPACE RESERVED FOR RECORDING DATA RETURN TO . Washington County, Wisconsin,
esum of one dollar and other good
and valuable consideration O'MEARA& O'MEARA ......County, Wisconsin, West Bend, Wisconsin the following tract of land in...Washington......County, State of Wisconsin; That part of the North Half of the Northwest Quarter (N2 NW2) of Section 12, in Township 10 North of Range 20 East, described as follows: Commencing at a point in the North line of said Section 1376.50 feet West of the North quarter post of said Section, and running thence West 60 feet, thence South 297 feet, thence East 60 feet, thence North 297 feet, to the place of beginning. Subject to a mortgage from Douglas D. Devenport and Norrine Devenport, his wife, to Ethel Devenport recorded April 3, 1957 in Volume 303 of Records on page 429, Document No. (DESCRIPTION CONTINUED ON REVERSE SIDE) IN WITNESS WHEREOF, the said grantor S ha Ve hereunto set their hand S and seal S this 14th March , A. D., 19 61 day of. SIGNED AND SEALED IN PRESENCE OF erens Devenport atricia Bernhagen Norriné Devenp∕ort (SEAL) June Behm (SEAL) STATE OF WISCONSIN, Washington County Personally came before me, this 14th day of..... March A. D., 1961 the above named. Douglas D. Devenport and Norrine Devenport, his wife to me known to be the person. S..... who executed the foregoing instrument and acknowledged the same. Patricia Campbell (SEAL)

Washington

Notary Public,.

WA VIN V W 40'E 1435,5 00000000000

12-10-26

12-10-10 ment 1/2921 A504/83

84871 W 11841 N 297	w 10504 11329
DOCUMENT NO.	WARRANTY DEED STATE OF WISCONSIN-FORM 9
268032 VOL 375 ME 559	RECORDED
THIS INDENTURE, Made by Arthur Schmidt and Meta Schmidt, his wife, and XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	THE OWNER
<b>"我没有来来,我不是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们的,我们</b>	Ex HAY 29 9 00 64 253
and warrants to Level Valley Dairy Co.,  a Wisconsin corporation,	Office Opening
	"THIS SPACE RESERVED FOR RECORDING DATA
of Washington County, Wisconsin,	RETURN TO O'MEARA & O'MEARA
for the sum of one dollar and other good and valuable consideration	West Bend, Wis.
the following tract of land in Washington County, State of Wisconsin;	
That part of the Northwest Quarter of the	he Northwest Oughton
(NW4 NW4) of Section 12, Township 10 Nor Town of Jackson, Washington County, Wisc	rth. Range 20 East.
as follows:	consin, described
Commencing 700 feet east of the Northwest	st corner of said
Section 12, thence East, along the section a point which is 1436.5 feet West of	ton line, 467 feet the north one-
quarter corner of said section 12; then right angles, 297 feet; thence West, 487	7 feet: thence
North, 297 feet to the point of beginning	1g∙
¥ (	
(DESCRIPTION CONTINUED ON RE	VERSE SIDE)
IN WITNESS WHEREOF, the said grantor S ha V.C. hereunto set	their hand and seal this 10th
day of April , A. D., 1963	A A GALLER
SIGNED AND SEALED IN PRESENCE OF	Arthur Schmidt (SEAL)
Stephen O'Meara	a Schniedt (SEAL)
June Define	Meta Schmidt
	(SEAL)
STATE OF MASSAGE	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
STATE OF WISCONSIN, Washington County.	THE PARTY OF THE P
Personally came before me, this 10th day of April	, A. D., 1963. the above named
Arthur Schmidt and Meta Schmidt, his wife,	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
to me known to be the person	Wedged the same

Stephen O Meara

Notary Public,.......Washington......County, Wis.

373790 DOCUMENT NO. 12 10-20 V V V V V V V V V V V V V V V V V V V	WARRANTY DISERT STATE OF WISCONSIN-FORM 4  THIS SPACE RESERVED FOR RECORDING DATA
THIS INDENTURE, Made this 6th day of May , A.D., 19 76, between Louis W. Scheunemann and Alice H. Scheunemann, his wife, , parties of the first part, and Level Valley Dairy Company,	JUN 2 4 16 PA
a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at	RETURN TO SCHLOEMER, SCHLAEFER, ALDERSON
to the said paid by the said party of the second part, the receipt whereof ha. We given, granted, bargained, sold, remised, released, aliened, conveyed and co give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said par assigns forever, the following described real estate situated in the C. H.	HICKMANN, SEEFFLDT & SPELLA S.C. WEST BEND, WISCOHOM 53095  is hereby confessed and acknowledged,
of Wisconsin, to-wit:  That part of the North Half of the Northwest Qu tion Twelve (12) Township Ten (10) North of Pance	arter (N½ NW½) of Sec-
Commencing at the North one-quarter corner of swest along the section line, 374.00 feet to the podescription; thence West along the section line.	d as follows, viz: aid Section 12; thence int of beginning of this
ight angle 275.50 feet; thence South 63 degrees 39 eet; thence South 70 degrees 24 minutes East, 331.	feet; thence West at a 5 minutes East 307.64 .00 feet; thence North
est along a fence line 523.87 feet to the point of CIF NEODESBARY, CONTINUE DESCRIPTION ON REVERSE SET OF TOGETHER WITH All and singular the hereditaments and appurtenances thereunto I deal the estate, right, title, interest, claim or demand whatsoever, of the said parties.  The Have and to Hold the said premises as above described with the hereditaments of the second part, and to its successors and assigns FOREVER.  And the saidLouis. W. Scheunemann and Alice H. Scheunemann and Alic	or in any wise appertaining; of the first part, either in law or equity, nereditaments and appurtenances.  ents and appurtenances, unto the said
themselves, their heirs, executors and administrators, do covenant, e said party of the second part, its successors and assigns, that at the time of the encey are well seized of the premises above described, as of a good, sure, perinheritance in the law, in fee simple, and that the same are free and clear from all except easements and restrictions of record,	grant, bargain and agree to and with scaling and delivery of these presents
I that the above bargained premises in the quiet and peaceful possession of the said plassigns, against all and every person or persons lawfully claiming the whole or an I forever WARRANT AND DEFEND.  In Witness Whereof, the said part ies of the first part han we hereunto set the first part han we have the first part has been said part.	y part thereof,
BY ONED AND SEALED IN PRESENCE OF	. Scheunemann
Paul D. Runkel Alice H	. Scheunemann (SEAL)
State of Wisconsin,	(SEAL)
Personally came before me, this 6th day of May above named Louis W. Scheunemann and Alice H. Sche	eunemann, his wife,
ne known to be the person. S who executed the foregging instrument and acknowl	Lip

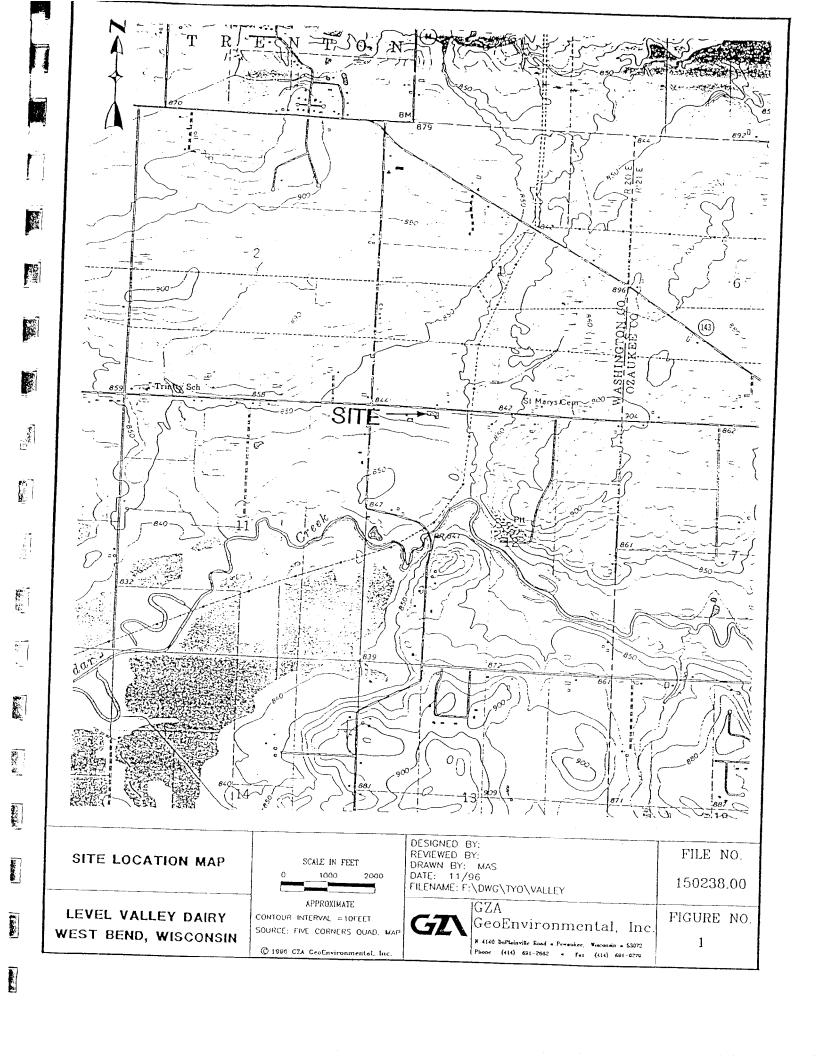
THIS INSTRUMENT WAS DOASTED BY

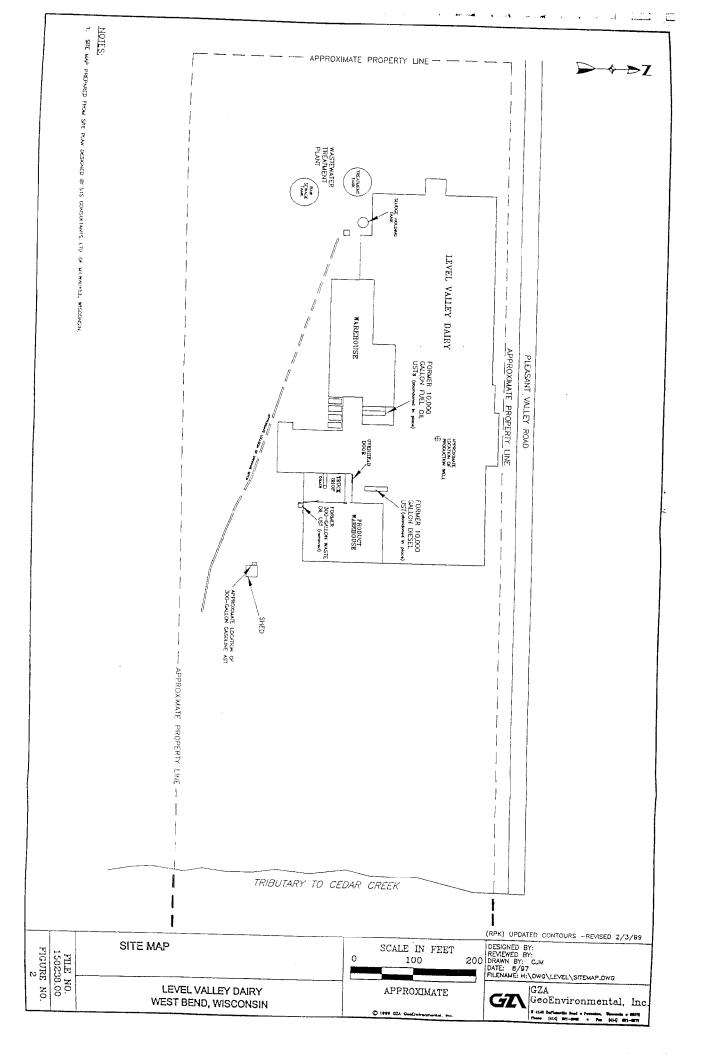
# STATE BAR OF WISCONSIN FORM 1 -- 1989

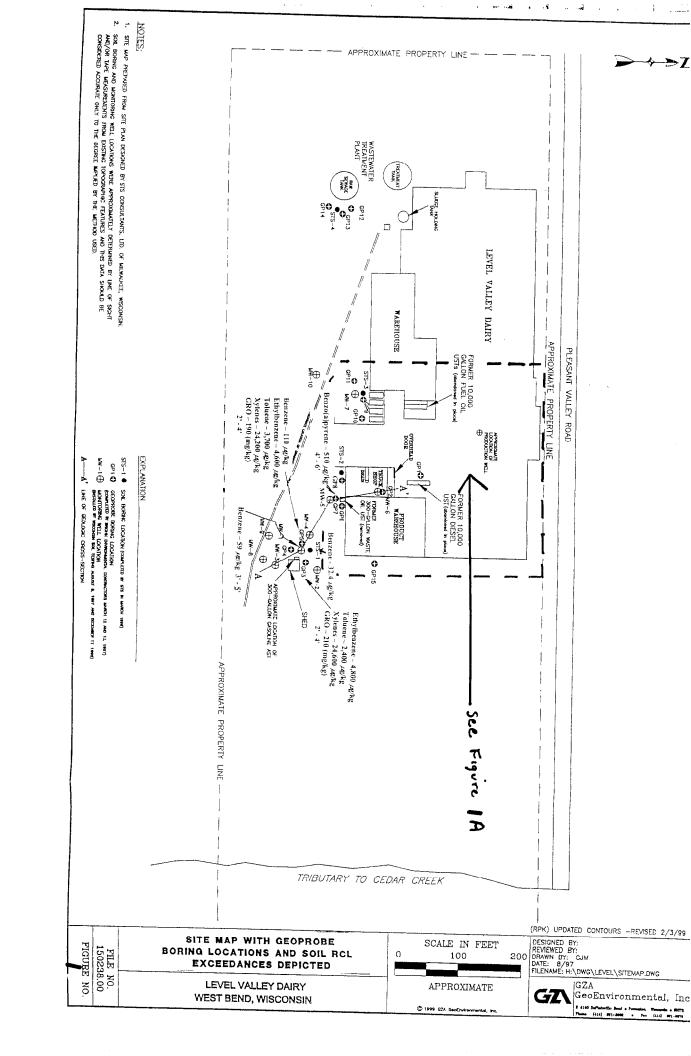
# WARRANTY DEED

852 page 338476907 This Deed, made between LOUIS W. SCHEUNEMANN and ALICE H. SCHEUNEMANN, his wife, · and LEVEL VALLEY DAIRY CO., a Wisconsin corporation, Witnesseth, That the said Grantor, for a valuable consideration..... of \$1.00 and other good and valuable consideration SCHLOEMER, SCHLAEFER, ALDERSON, conveys to Grantee the following described real estate in ..Washington...... County, State of Wisconsin: SEEFELDT & SPELLA S.C. Tax Parcel No: That part of the North Half of the NORTHWEST Quarter (N 1/2 NW 1/4) of Section Twelve (12), Township Ten (10) North of Range Twenty (20) East, Town of Jackson, Washington County, Wisconsin, described as follows: Commencing at the North one-quarter corner of said Section 12; thence West along the section line, 1923.50 feet; thence South at a right angle, 297.00 feet to the point of beginning of this description; thence continuing South, 247.90 feet; thence East, 1074.34 feet; thence North 70 degrees 24 minutes West, 331.00 feet; thence North 63 degrees 35 minutes West, 307.64 feet; thence West, 487.00 feet to the point of beginning. 13-10-20 NENWYPA TRANSFER FEE This ....is .not ...... homestead property.
(is) (is not) Together with all and singular the hereditaments and appurtenances thereunto belonging; Grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except current taxes, zoning ordinances, highway dedications and recorded easements and restrictions, and will warrant and defend the same. Dated this 21st day of ..... (SEAL) .....(SEAL) Alice H. Scheunemann AUTHENTICATION ACKNOWLEDGMENT STATE OF WISCONSIN WASHINGTON.....County. Personally came before me this 21st .... day of March 1985 the above named Louis W. Scheunemann and Alice H. Scheunemann, his wife, TITLE: MEMBER STATE BAR OF WISCONSIN authorized by § 706.06, Wis. Stats.) to me known to be the person ...... who executed the foregoing instrument and acknowledge the same.

4.	The Parcel Identification Number for the Property is T7 0312 00A.

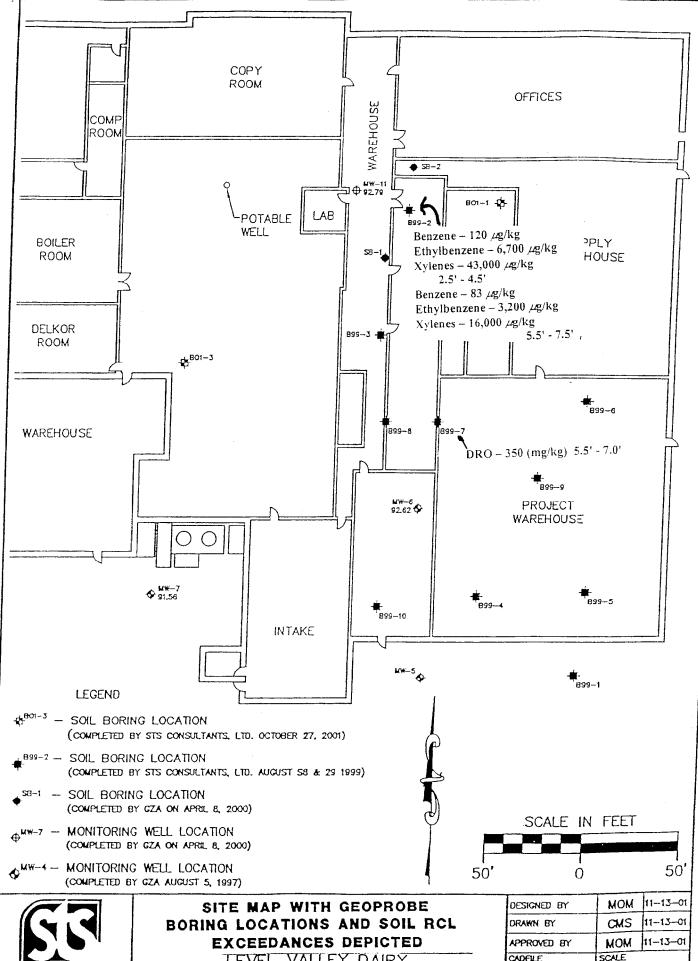






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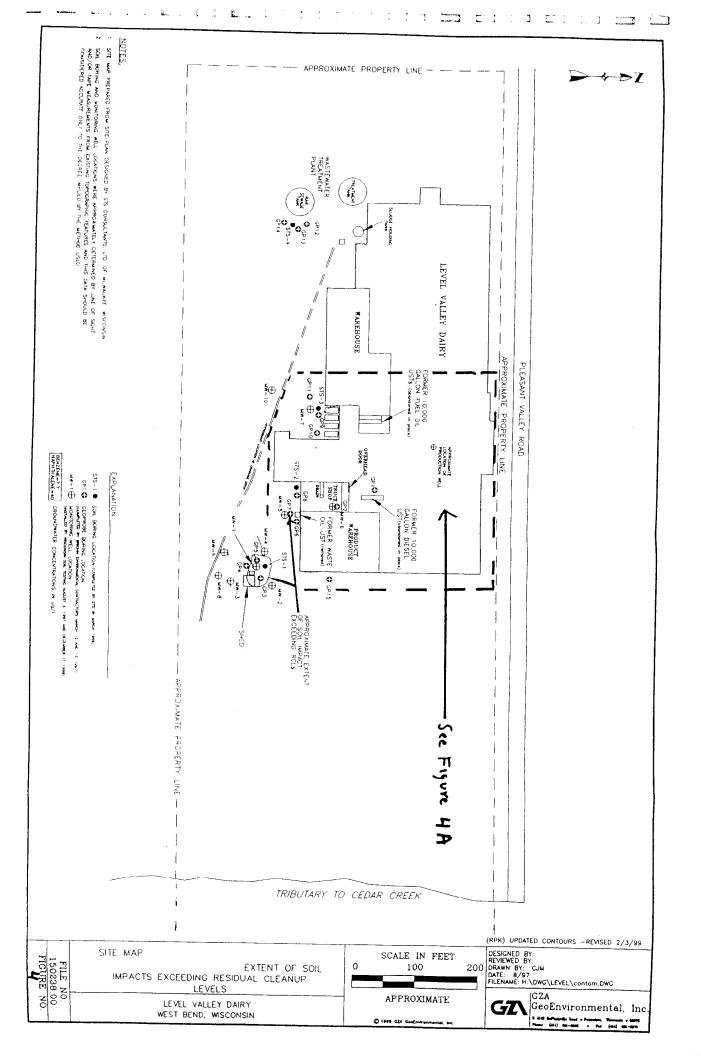


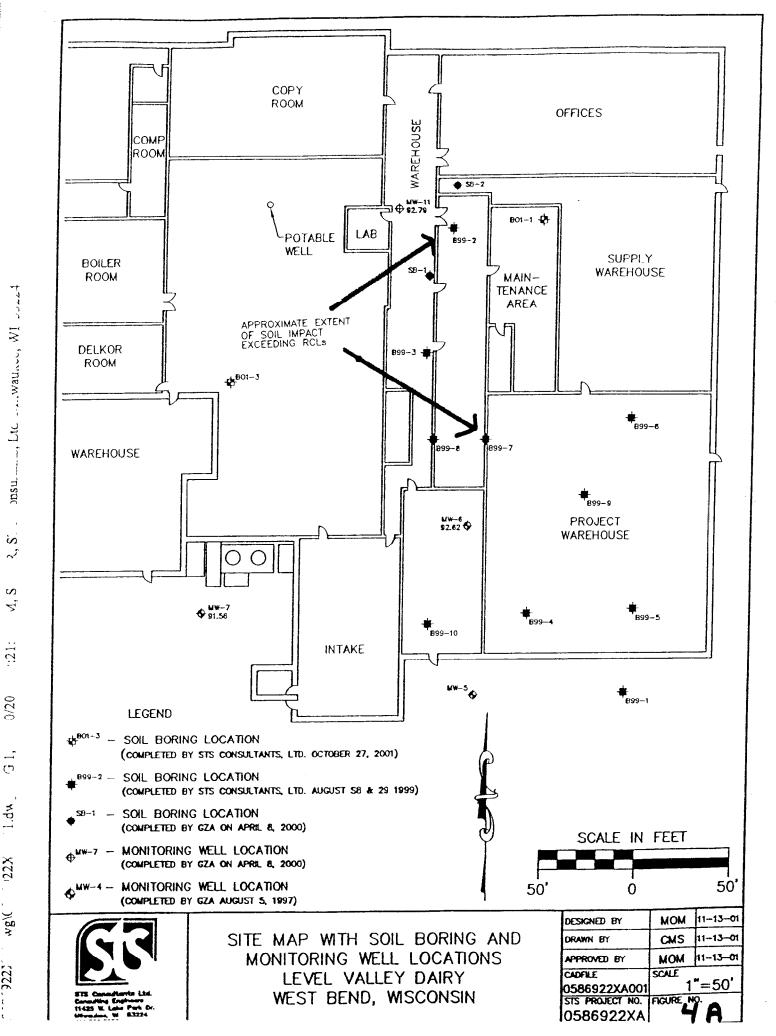




LEVEL VALLEY DAIRY WEST BEND, WISCONSIN

DEZICNED BY	MOM	111301
DRAWN BY	CMS	111301
APPROVED BY	MOM	11-13-01
CADFILE	SCALE	
0586922XA001	1	'=50'
STS PROJECT NO.	FIGURE NO	).
0586922XA	•	A





# SUMMARY TABLE<sup>1</sup> NR720 RCL SOIL EXCEEDANCES

(All results are  $\mu g/kg$  unless otherwise indicated)

Consultant	Date	Location	Donth (ft)	D l4
		Location	Depth (ft)	Result
STS	March 1996	STS-1	S-1	Benzene - 32.4
GZA	March 1997	GP-3	2-4	Ethylbenzene – 4,800
				Toluene – 2,400
				Xylenes – 24,600
				GRO – 210 (mg/kg)
		CD 5	2.4	D 110
		GP-5	2-4	Benzene – 110
				Ethylbenzene – 4,600
				Toluene – 3,700
				Xylenes – 24,200
				GRO – 190 (mg/kg)
!				
		GP-7	4-6	Benzo(a)pyrene – 510
		(11 /	7 0	Benzo(a)pyrene 310
GZA	August 1997	MW-1	3-5	Benzene – 59
STS	August 1999	B99-2/S-2	2.5-4.5	Benzene – 120
				Ethylbenzene $-6,700$
				Xylenes – 43,000
		B99-2/S-3	5.5-7.5	Benzene – 83
1				Ethylbenzene – 3,200
· ·				Xylenes – 16,000
i !				
		B99-7/S-3	5.5-7.0	DRO - 350  (mg/kg)
L.				

STS-STS Consultants GZA-GZA GeoEnvironmental, Inc.

<sup>&</sup>lt;sup>1</sup> See following Tables 1-6 for complete analytical data presentation.

Table 1 STS's Soil Analytical Results – Detected Parameters Level Valley Dairy Phase II Investigation - March 1996 West Bend, WI Wisconsin

(all units in µg/kg unless otherwise noted)

	NR720 Generic Residual Contaminant			- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	· ··· · ·					
	Levels			·			т			
		STS-1, S-1	STS-1, S-2	STS-2, S-2	STS-2, S-4	STS-3, S-1	STS-3, S-2	STS-4, S-1	STS-4,S-3	MEOH Blank
VOCs:		L	J	1	-		1	1	·I	
Benzene	5.5	32.4	<25	<24	<27	<26	<26	<36	<33	<20
n-Butylbenzen		79.6	30.4	<24	<27	<26	<26	<36	<33	<20
Ethylbenzene	2900	337	1170	<24	<27	<26	<26	<36	<33	<20
Isopropholbenzene		<27	33.7	<24	<27	<26	<26	<36	<33	<20
Isopropyl Ether		<27	38.5	<24	<27	<26	<26	<36	<33	<2()
Methyl tert Butyl Ether		51.3	65	<24	<27	<26	<26	<36	<33	<20
Methylene Chloride		<27	<25	33.2	<27	<26	<26	<36	<33	<20
Naphthalene		137	185	<24	<27	<26	<26	<36	<33	<20
n-Propylbenzene		0.91	131	<24	<27	<26	<26	<36	<33	<20
Toluene	1500	32.7	83.1	<24	<27	<26	<26	<36	<33	<20
1,2,4-Trimethylbenzene		650	965	<24	<27	<26	<26	<36	<33	<20
1,3,5-Trimethylbenzene		107	213	<24	<27	<26	<26	<36	<33	<20
m- & p-Xylene	4100*	611	1720	<24	<27	<26	<26	<36	<33	<20
o-Xylene & Styrene	4100*	162	707	<24	31.4	<26	<26	40.8	<33	<39
DRO (mg/kg)	100	$8.04^{(1,2)}$	<5.0	33.7 <sup>(1,2)</sup>	<5.0	< 5.0	$6.09^{(3,4)}$	30.9(3,4)	< 5.0	NA

Notes:

Bold=Exceeds the NR720 Residual Contaminant Level Only detected VOCs shown.

MW\940286MHS:CJH\_01/17/03

<sup>\* =</sup>NR720 Residual Contaminant Level for Total Xylenes

NA=Not Analyzed

The chromatogram is characteristic for a heavier petroleum product other than diesel (i.e., motor oil, hydraulic oil, etc.)
 The chromatogram contained significant peaks and raised baseline outside the DRO window.
 The chromatogram is not characteristic for diesel or any single common petroleum product.
 The chromatogram contained significant peaks outside the DRO window.

# TABLE. 2 GZA SOH, ANALYTICAL RESULTS Level Valley Dairy

## West Bend, Wisconsin

		WAC	Geoprobe Boring Number And Sample Depth												
Parameter	Units	NR 720 RCL	GP-3 2-4'	GP-4 2-4'	GP-5 2-4'	GP-6 6-8'	GP-7 4-6'	GP-8 4-6'	GP-9 2-4'	GP-10 2-4'	GP-11 3-5'	GP-12 4-6'	GP-13 2-4'	GP-14 2-4'	GP-15 2-4'
GRO	mg/kg	100	210	ND	190	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND
DRO	mg/kg	100	53	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	mg/kg	510	NA	NA	NA	ND	ND	ND	NA	NA	NA	NA	NA	NΛ	NA
Lead	mg/kg	500	NA	NA	NΑ	ND_	ND	5.5	NA	NA	NA	NA	NΑ	NA	NΛ
<u>VOCs</u>															
Benzene	ug/kg	5.5	ND	ND	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbemene	ug/kg		1,800	ND	1,400	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	ug/kg		290	ND	230	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/kg		ND	ND	120	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/kg	2,900	4,800	ND	4,600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
lsopropylbenzene	ug/kg		560	ND	500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	ug/kg		430	ND	350	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ug/kg		ND	35	ND	ND	ND	ND	ND	ND	ND	ND	35	ND	ND
Naphthalene	ug/kg	İ	2,900	ND	2,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	ug/kg		2,500	ND	2,100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/kg	1,500	2,400	ND	3,700	ND	ND	ND	ND	ND	ND	ND	690	ND	ND
1,2,3-Trichloropropane	ug/kg		ND	ND	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ug/kg		19,000	ND	16,000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ug/kg	1	5,200	ND	4,800	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fotal Xylenes	ug/kg	4,100	24,600	ND	24,200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PAHs															
Acenaphthene	ug/kg	60,000,000	ND	ND	ND	ND	270	ND	ΝΛ	NA	NA	NA	$N\Lambda$	ΝΛ	NA
Benzo (a) anthracene	us/kg	390,000	ND	ND	ND	ND	450	ND	NA	NA	NA	NA	NA	NA	NA
Benzo (a) pyrene	ug/kg	390	ND	ND	ND	ND	510	ND	ΝΛ	NA	NA	NΑ	NA	NA	NΛ
Benzo (b) fluoranthene	ug/kg	3,900	ND	ND	ND	ND	450	ND	ΝΛ	NΛ	NA	NA	NΑ	NA	NA
Benzo (ghi) perylene	ug/kg	39,000	ND	ND	ND	ND	400	ND	NA	NA	NA	NA	NA	NA	NA
Benzo (k) fluoranthene	ug/kg	39,000	ND	ND	ND	ND	450	ND	NA	NA	NA	NA	NA	NA	NA
Chrysene	ug/kg	390,000	ND	ND	ND	ND	640	ND	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	ug/kg	40,000,000	ND	ND	ND	ND	1,430	ND	ΝΛ	NA	NA	NA	NA	NΛ	NA
Fluorene	ug/kg	40,000,000	ND	ND	ND	ND	260	ND	NA	NA	NA	NA	NA	NA	NΛ
Indeno (1,2,3-cd) pyrene	ug/kg	39,000	ND	ND	ND	ND	370	ND	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	ug/kg	70,000,000	980	ND	ND	ND	ND	ND	NA	NA	NΛ	NA	NA	NA	NA
2-Methylnaphthalene	ug/kg	40,000,000	1,950	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ug/kg	110,000	1,090	ND	440	ND	ND	ND	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	ug/kg	390,000	ND	ND	ND	ND	1,470	ND	NA	NΛ	NA	NA	NA	NΛ	NA
Pyrene	ug/kg	3,000,000	ND	ND	ND	ND	1,410	ND	NA	NA	NA	NA	NA	NA	NA

Notes:

<sup>1.</sup> Samples were collected by GZA GeoEnvironmental, Inc. on March 13, 1997, using a Geoprobe system, and analyzed by En Chem, Inc. of Green Bay. Wisconsin using Method 8270 for PAHs and Method 8260 for VOCs. Results are presented in units of milligrams per kilogram (mg/kg) and micrograms per kilogram (mg/kg), as indicated.

<sup>2.</sup> Wisconsin Administrative Code (WAC) Chapter NR 720 Residual Contaminant Levels (RCL) are provided for reference where established. Bold indicates parameter was detected above the RCL. Soil cleanup levels for PAHs are suggested RCLs found in the March 1997 WAC Interim Guidance.

<sup>3.</sup> ND - Indicate parameter was analyzed but not detected above laboratory detection limits; NA - sample not analyzed for that parameter.

<sup>4.</sup> GRO - gasoline range organic; DRO - diesel range organic; PAH - polynuclear aromatic hydrocarbons; VOC - volatile organic compound.

<sup>5.</sup> Only compounds detected during analyses are presented.

<sup>6.</sup> Methylene chloride is present in the lab environment. All sample concentrations of Methylene chloride should be viewed as suspect.

#### TABLE 3 GZA SOIL ANALYTICAL RESULTS Level Valley Dairy West Bend, Wisconsin

		WAC NR				Soil Bor	ing Number	and Sample	e Depth			
Parameter	Units	720	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10
	_	RCL	3'-5'	3'-5'	3'-5'	3'-5'	5'-7'	7'-9'	3'-5'	3'-5'	3'-5'	3'-5'
DRO	mg/kg	100	<3.7	<3.6	<3.6	<3.7	<435	11	<3.6	<4.2	<5.7	<3.6
GRO	mg/kg	100	NA	NA	NA	NA	NA	NA	ΝΛ	<3.0	<3.7	NA
<u>VOCs</u>												
Benzene	ug/kg	5.5	59	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/kg	2,900	440	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ug/kg		89	ND	ND	ND	ND	ND	ND	NA	NA	ND
n-Propylbenzene	ug/kg		49	ND	43	ND	ND	ND	ND	NA	NA NA	ND
Toluene	ug/kg	1,500	110	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ug/kg		370	ND	32	ND	ND	ND	ND	ND	ND	ND ND
1,3,5-Trimethylbenzene	ug/kg		99	ND	ND	ND	ND	ND	ND	ND	ND ND	ND ND
Total Xylenes	ug/kg	4,100	2,100	ND	ND	ND	ND	ND	ND	ND	ND	ND ND
<u>PAHs</u>									110	ND -	שא	ND
Acenaphthene	ug/kg	60,000,000	ND	ND	ND	ND	22	ND	ND	NA	NA	27.4
Acenaphthylene	ug/kg	360,000	ND	ND	ND	ND	ND	ND	ND	NA NA	NA NA	NA
Anthracene	ug/kg	300,000,000	ND	ND	18	ND	32	ND	ND ND	NA NA	NA NA	NA
Benzo(a)anthracene	ug/kg	3,900	ND	ND	94	ND	130	ND	43	NA NA		NA
Benzo(a)pyrene	ug/kg	390	ND	20	120	ND	180	ND	63	NA NA	NA	NA
Benzo(b)fluoranthene	ug/kg	3,900	ND	22	130	ND	190	ND	61		NA	NA
Benzo(g,h,i)perylene	ug/kg	39,000	ND	39	130	ND	160	ND	65	NA	NΛ	NA
Benzo(k)fluoranthene	ug/kg	39,000	ND	15	92	ND	130	ND		NA	NA	NA
Chrysene	ug/kg	390,000	ND	16	110	ND	180	ND	43 47	NA	NA	NΛ
Dibenzo(a,h,)anthracene	ug/kg	390	ND	ND	27	ND	35	ND ND	ND	NA	NΛ	NΛ
Fluoranthene	ug/kg	40,000,000	ND	30	200	ND	420	19		NA	NA	NA
Fluorene	ug/kg	40,000,000	ND	ND	ND	ND	25		75 ND	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ug/kg	3,900	ND	22	110	ND	140	ND	ND	NA	NA	NΛ
1-Methylnaphthalene	ug/kg	70,000,000	25	ND	ND	ND	ND	ND	56	NA	NA	NA
2-Methylnaphthalene	ug/kg	40,000,000	40	ND	ND	ND ND		ND	ND	NA	NA	NA
Naphthalene	ug/kg	110,000	140	ND	ND	ND	ND	ND	ND	NA	NA	NA
Phenanthrene	ug/kg	390,000	ND	20	64	ND ND	ND	ND	ND	NA	NA	NA
Pyrene	ug/kg	30,000,000	ND	24	160	ND ND	320 310	28 14	28 57	NA NA	NA NA	NA

5. Only compounds detected during analyses are shown.

<sup>1.</sup> Samples MW-1 through MW-7 were collected by GZA GeoEnvironmental, Inc. on August 5, 1997, and samples MW-8 through MW-10 were collected by GZA on December 17, 1998. Samples were analyzed by En Chem, Inc. of Green Bay, Wisconsin. Concentrations are reported in units of micrograms per kilogram (ug/kg) or milligrams per kilogram (mg/kg) as indicated.

<sup>2</sup> Wisconsin Administrative Code (WAC) Chapter NR 720 Generic Residual Contaminant Levels (RCLs) are provided for inference where established. Soil cleanup levels for PAHs are suggested RCLs found in the March 1997 WAC Interim Guidance.

<sup>3 &</sup>quot;-" Indicates parameter was analyzed but not detected above laboratory detection limits; NA - sample not analyzed for that parameter.

<sup>4.</sup> GRO = gasoline range organic, DRO - diesel range organic, VOC - volatile organic compound, PAH-polycyclic aromatic hydrocarbon.

<sup>6.</sup> Blank apace indicates the sample was not analyzed for that parameter.

# Table 4A STS's Volatile Organic Compounds Analytical Results - Soil Level Valley Dairy Facility West Bend, Wisconsin (All units in ug/kg, unless noted otherwise)

		B99-1/S-1	B99-1/S-2	B99-2/S-2	B99-2/S-3	B99-3/S-2	B99-3/S-3	B99-4/S-2	B99-4/S-3	B99-5/S-2	B99-5/S-3	B99-6/S-2	B99-6/S-3	B99-7/S-2	B99-7/S-3	B99-8/S-2	B99-8/S-3	B99-9/S-2	B99-9/S-3	B99-10/S-2	B99-10/S-3
	NR720	1'-2'	2.5'-4.5'	2.5'-4.5'	5.5'-7.5'	3'-5'	5.5'-7	3'-5'	5.5'-7.5'	3'-5'	5.5'-7.5'	3'-5'	5.5'-7.5'	3'-5'	5.5'-7'	3'-5'	5.5'-7.5'	3'-5'	5.5-7.5	3'-5'	5.5'-7'
	Generic	FILL(SM)	FILL(SM)	(ML)	(ML)	FILL(SM)	(SM)	FILL(SM)	FILL(SM)	FILL(ML)	FILL(ML)	FILL(SM)	FILL(SM)	FILL(SM)	MI.	FILL(SM)	SM	FILL(SM)	FILL(SM)	FILL(SM)	FILL(SM)
Parameter	RCLS	8/28/99	8/28/99	8/28/99	8/28/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99
PID Reading	-	0.2	0,4	810	324	3.8	0.5	0.1	84	0.3	0.1	0.0	0.0	0.5	2.5	0.0	0.0	0.0	0.0	0.0	0.3
VOCs																					
Benzene	5.5	<25	<25	120	83	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25 │
n-Butylbenzene	-	<25	<25	2300	1000	<25	<25	<25	<25	<25	<25	<25	<25	<25	880	<25	<25	<25	<25	<25	<25
sec-Butylbenzene	-	<25	<25	1600	690	<25	<25	<25	<25	<25	<25	<25	<25	<25	220	₹25	<25	<25	<25	<25	<25
tert-Butylbenzene		<25	<25	<25	<25	₹25	<25	<25	<25	<25	<25		<25	25	110	<25	<25	<25	<25	<25	<25
Ethylbenzene	2900	<25	<25	6700	3200	81	<25	<25	<25	<25	<25	<25	<25	<25	<25	~25	<25	<25	<25	<25	25
Isopropylbenzene	- 1	<25	<25	2200	2100	100	<25	<25	<25 ⋅	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	25
p-Isopropyltoluene	_	<25	<25	800	530	<25	<25	<25	<25	<25	<25	<25	<25	<25	89	<25	<25	<25		<25	<25
Methylene Chloride		1300B	800B	790B	1300B	760B	1300B	770B	520B	850B	1300B	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Naphthalene	-	<25	<25	8000	3900	110	<25	<25	<25	<25	<25	<25	<25	<25	350	<25	<25	<25	<25	<25	<25
n-Propylbenzene	_	<25	<25	6500	2400	<25	<25	<25	<b>2</b> 5	<25	<25		<25	-25	83	<25	<25	<25	-25	<25	<25
Toluene	1,500	<25	<25	490	370	43	<25	<25	<25	<25	25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	- 1	<25	<25	53000	18000	110	<25	-25	<25	<25	<25	<25	<25	<25	31	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene		-25	<25	15000	5900	<25	~25	-25	<25	<25	<25	<25	<25	<25	100	<25		<25	<25	- 25	<25
Total Xylenes	4900	<25	<25	43000	16000	110	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
DRO (mg/kg)		NA	NA	NA	NA	<5.1	<5.8	NA	NA	NA	NA	NA	NA	20	350	<5.2	<5.9	NA	NA	NA	NA

#### Notes

- Reference standards obtained from NR720 WAC, Table 1.
- 43000 Exceeds current NR720 WAC Generic Residual Contaminant Levels (RCLs)
- 3. 29 Analyte detected above reporting limit.

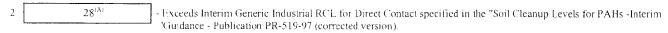
- 29 Analyte detected advive reporting
   No standards available.
   PID Photoionization detector.
   VOCs Volatile Organic Compounds.
   GRO Gasoline Range Organics.
- 8. NA Not Analyzed.
- 9. "B" The blank associated with this sapmle contained 1300 ug/kg of methylene chloride.

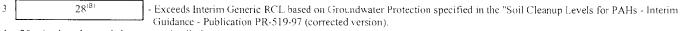
## Table 4B STS's PAH Analytical Results - SOIL Level Valley Dairy Facility West Bend, Wisconsin (All units in ug/kg)

			B99-3/S-2	B99-3/S-3	B99-7 S-2	B99-7/S-3	B99-8/S-2	B99-8/S-3
	Interim Gene	enc RCLs <sup>1</sup>	3'-5'	5.5'-7'	3'-5'	5.5'-7'	3'-5'	5.5'-7.5'
	Direct Contact Pathway	Groundwater	FILL(SM)	SM	FILL(SM)	MI.	FILL(SM)	SM
Parameter	Industrial <sup>A</sup>	Protection <sup>B</sup>	8/29/99	8:29:99	8/29/99	8 29/99	8/29/99	8/29/99
PID Reading			3.8	0.5	0.5	2.5	0.0	0.0
PAHs								
Acenaphthene	60000000	38000	<100	<120	<110	<110	<100	<120
Acenaphthylene	360000	700	<210	<230	<210	< 2.3()	<210	<240
Anthracene	30000000	3000000	73	13	20	8.3	7.6	< 0.59
Benzo(a)anthracene	3900	17000	32	6.8	7.9	<0.57	5.6	< 0.59
Benzo(a)pyrene	390	48000	28	3.6	14	5.9	5.7	<1.2
Benzo(b)fluoranthene	3900	360000	34	8.7	13	6.8	6.3	<1.2
Benzo(g.h,i)perylcne	39000	6800000	18	2.6	11	6.6	4.1	<2.4
Benzo(k)fluoranthene	39000	870000	13	2.3	4.2	1.5	1.8	< 0.59
Chrysene	390000	37000	29	6.2	13	7.8	5.4	<2.4
Dibenzo(a,h)anthracene	390	38000	5.2	<1.2	1.4	1.5	<1.0	<1.2
Fluoranthene	40000000	500000	140	<58	<53	< 57	<52	<59
Fluorene	40000000	100000	300	<5.8	<5.3	< 5.7	<5.2	<5.9
Indeno(1,2,3-cd)pyrene	3900	680000	23	<23	<21	<23	<21	<24
I-Methylnaphthalene	7000000	23000	200	<58	<53	<57	<52	<59
2-Methylnaphthalene	40000000	20000	<52	<58	<53	<57	<52	<59
Naphthalene	110000	400	<5.2	<5.8	<5.3	< 5.7	<5.2	<5.9
Phenanthrene	390000	1800	400	18	28	<5.7	<5.2	<5.9
Pyrene	30000000	8700000	82	<23	<21	<23	<21	<24

#### Notes:

1 Soil standards obtained from "Soil Cleanup Levels for PAHs - Interim Guidance - Publication PR-519-97 (corrected version).





<sup>4 25 -</sup> Analyte detected above reporting limit.

<sup>5</sup> PID - Photoionization detector.

<sup>6</sup> PAHs - Polynuclear Aromatic Hydrocarbons.

<sup>7</sup> Only detected parameters shown.

# TABLE 5 GZA SOIL ANALYTICAL RESULTS

# Level Valley Dairy West Bend, Wisconsin

Parameter	Units	WAC Chapter NR 720 RCL	SB-1 (6-8')	SB-2 (4-6')	MW-11 (7-9')
PID	Instrument Units		376	4.2	549
DRO	mg/kg	100	22	<3.4	11
GRO	mg/kg	100	47	<2.8	130 <sup>a</sup>
VOCs	ug/kg		ND	ND	ND

### Notes:

- 1. Samples were collected by GZA GeoEnvironmental, Inc. on April 8, 2000, and analyzed by En Chem, Inc. of Green Bay, Wisconsin.
- 2. Volatile organic compound (VOC) analyses performed in accordance with US EPA Analytical Method 8260B. Diesel range organic (DRO) and gasoline range organic (GRO) analyses performed in accordance with the Wisconsin Modified DRO and GRO analytical methods, respectively.
- 3. Wisconsin Administrative Code (WAC) Chapter NR 720 Residual Contaminant Level (RCL) presented where established.

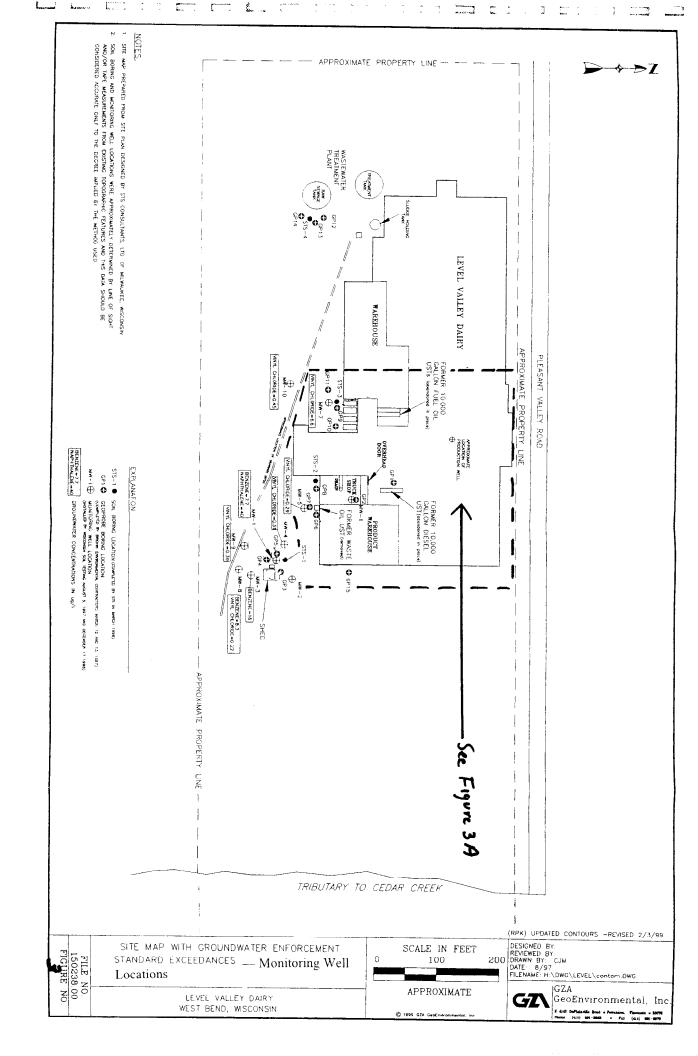
TABLE 6
ADDITIONAL STS SOIL SAMPLE COLLECTION RESULTS
October 27, 2001

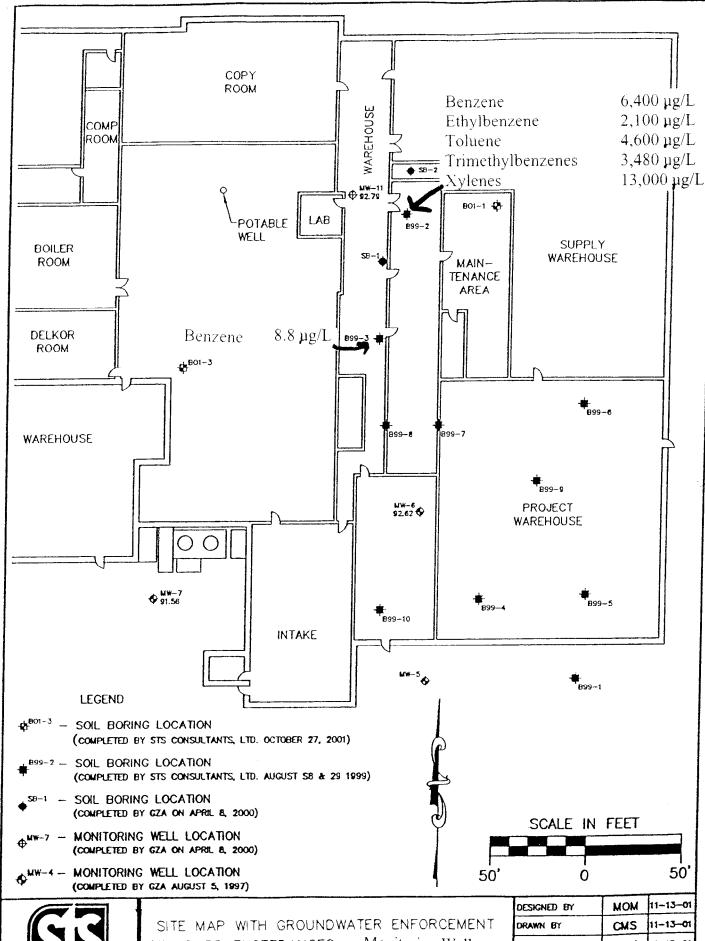
Location	Depth (ft)	VOCs	DRO	PAHs
B01-1	0-4	ND	ND	ND
B01-1	4-8	ND	ND	ND
B01-3	0-4	ND	ND	ND
B01-3	4-8	ND	ND	ND

ND = Not Detected

PAH = Polycyclic Aromatic Hydrocarbons

<sup>&</sup>lt;sup>a</sup> Sample collected below the water table; water table depth - 7 feet.





STANDARD EXCEEDANCES — Monitoring Well

LEVEL VALLEY DAIRY Locations WEST BEND, WISCONSIN

DESIGNED BY	MOM	11-13-01
DRAWN BY	CMS	11-13-01
APPROVED BY	MOM	11-13-01
CADFILE 0586922XA001	scale 1	<b>"</b> =50"
STS PROJECT NO. 0586922XA	FIGURE N	ÎA_

# TABLE 1 GZA MONITORING WELL GROUNDWATER DRO AND VOC ANALYTICAL RESULTS Level Valley Dairy West Bend, Wisconsin

		WAC	NR 140	MV	V-1	MV	V-2	MV	V-3	MV	V-4	MV	N-5	MV	V-6	MV	V-7	MW-8	MW-9	MW-10
Parameter	Units	ES	PAL	Aug-97	Dec-98	Aug-97	Dec-98	Aug-97	Dec-98	Aug-97	Dec-98	Aug-97	Dec-98	Aug-97	Dec-98	Aug-97	Dec-98	Dec-98	Dec-98	Dec-98
DRO	ug/l			200	NA	110	NΛ	140	NA	130	NA	370	NA	260	NA	260	NA	<100	<100	<100
<u>VOCs</u>																				
Benzene	ug/l	5	0.5	2.4	7.7	<0.41	< 0.27	69	16	0.44	0.28	< 0.41	< 0.27	< 0.4 1	< 0.27	< 0.41	<0.27	8.3	1.3	<0.27
s-Butylbenzene	ug/l			< 0.23	0.68	<0.23	< 0.29	<0.23	< 0.29	< 0.23	< 0.29	3.6	0.65	2.1	2.4	<().23	< 0.29	< 0.29	<().29	<0.29
t-Butylbenzene	ug/l			<0.24	<0.64	<0.24	< 0.32	< 0.24	< 0.32	<0.24	< 0.32	0.59	< 0.32	< 0.24	< 0.32	<0.24	< 0.32	< 0.32	<0.32	<0.32
n-Butylbenzene	ug/l			< 0.31	1.3	<0.31	< 0.29	< 0.31	< 0.29	<0.31	< 0.29	<0.31	< 0.29	< 0.31	1.2	< 0.31	< 0.29	< 0.29	< 0.29	< 0.29
Chlorobenzene	ug/l		*-	3.4	2.5	1.3	1.9	0.40	0.91	11	2.7	< 0.27	< 0.23	< 0.27	< 0.23	< 0.27	< 0.23	< 0.23	<0.23	< 0.23
1,2-Dichlorobenzene	ug/l	600	60	38	15	38	11	<0.32	< 0.25	15	31	< 0.32	< 0.25	< 0.32	< 0.25	< 0.32	< 0.25	< 0.25	<0.25	<0.25
1,3-Dichlorobenzene	ug/l	1,250	125	5.2	5.5	13	5.7	< 0.28	< 0.34	1.2	10	< 0.28	< 0.34	<0.28	< 0.34	< 0.28	< 0.34	< 0.34	< 0.34	< 0.34
1,4-Dichlorobenzene	ug/l	75	15	8.6	5.0	14	4.5	< 0.29	0.31	1.4	11	0.68	< 0.30	0.47	0.62	<0.29	<().3()	< 0.30	< 0.30	< 0.30
1,1-Dichloroethane	ug/l	850	85	0.81	<0.70	0.57	< 0.35	0.48	< 0.35	2.0	< 0.35	< 0.26	< 0.35	0.46	< 0.35	< 0.26	0.81	< 0.35	0.59	<0.35
1,2-Dichloroethane	ug/l	5	0.5	0.83	< 0.74	1.3	< 0.37	< 0.24	< 0.37	1.3	< 0.37	< 0.24	< 0.37	< 0.24	< 0.37	< 0.24	<037	< 0.37	0.70	<0.37
cis-1,2-Dichloroethane	ug/l	70	7	1.4	0.56	1.4	< 0.28	0.73	< 0.28	4.1	0.80	<0.28	0.28	1.0	0.39	1.8	4.1	<0.28	1.5	0.96
trans-1,2-Dichloroethane	ug/l	100	20	<0.25	<1.6	< 0.25	< 0.79	< 0.25	< 0.79	0.26	< 0.79	< 0.25	< 0.79	< 0.25	< 0.79	< 0.25	< 0.79	<0.79	< 0.79	< 0.79
Ethylbenzene	ug/l	700	140	17	290	< 0.23	< 0.32	16	2.9	< 0.23	< 0.32	< 0.23	< 0.32	< 0.23	< 0.32	<0.23	< 0.32	<0.32	< 0.32	<0.32
Isopropylbenzene	ug/l			0.56	8.8	< 0.27	< 0.26	0.43	1.7	< 0.27	< 0.26	0.31	< 0.26	< 0.27	3.7	<0.27	< 0.26	<0.29	< 0.26	< 0.26
Methylene Chloride	ug/l	5	0.5	<0.22	<0.72	< 0.22	0.39	< 0.22	< 0.36	< 0.22	0.41	<0.22	0.38	< 0.22	< 0.36	< 0.22	< 0.36	0.66	0.54	< 0.36
Methyl tert butyl ether	ug/l	60	12	1.2	<0.64	< 0.53	< 0.32	33	4.8	2.0	2.3	< 0.53	< 0.32	< 0.53	< 0.32	< 0.53	< 0.32	2.1	0.62	<0.32
Naphthalene	ug/l	40	8	4.5	40	< 0.66	< 0.35	1.0	0.38	< 0.66	< 0.35	< 0.66	< 0.35	< 0.66	< 0.35	< 0.66	< 0.35	< 0.35	< 0.35	<0.35
n-Propylbenzene	ug/l			2.2	25	< 0.27	< 0.76	0.80	2	<0.27	<0.76	< 0.27	< 0.76	< 0.27	1.8	< 0.27	< 0.76	<0.76	< 0.76	< 0.76
Toluene	ug/l	1,000	200	15	81	< 0.28	< 0.27	3.0	1.6	< 0.28	< 0.27	< 0.28	< 0.27	< 0.28	0.28	< 0.28	< 0.27	<0.27	<0.27	<0.27
Trichloroethene	ug/l	5	0.5	0.98	< 0.74	0.27	< 0.37	< 0.20	< 0.37	1.7	< 0.37	0.26	< 0.37	0.39	< 0.37	< 0.20	< 0.37	< 0.37	< 0.37	<0.37
1,2,4-Trimethylbenzene	ug/l	480	96	15	70	< 0.30	< 0.22	5.3	1.7	< 0.30	< 0.22	< 0.30	< 0.22	< 0.30	0.24	< 0.30	< 0.22	<0.22	<0.22	<0.22
1,3,5-Trimethylbenzene	ug/l	480	96	3.6	8.7	<0.25	<0.27	0.26	< 0.27	< 0.25	< 0.27	< 0.25	< 0.27	< 0.25	0.27	< 0.25	< 0.27	<0.27	<0.27	<0.27
Vinyl Chloride	ug/l	0.2	0.02	0.35(Q)	<0.4	< 0.23	< 0.20	< 0.23	< 0.20	0.51(Q)	< 0.20	< 0.23	0.29(Q)	< 0.23	< 0.20	1.2	6.6	0.22(Q)	0.39(Q)	0.45(Q)
Xylene, -m, -p	ug/l	10,000	1,000	51	230	<0.51	< 0.43	23	10	< 0.51	< 0.43	< 0.51	< 0.43	< 0.51	< 0.43	< 0.51	< 0.43	< 0.43	<0.43	<0.43
Xylene, -0	ug/l	10,000	1,000	24	140	<0.28	< 0.24	9.3	5.4	< 0.28	< 0.24	<0.28	< 0.24	< 0.28	<0.24	<0.28	< 0.24	< 0.24	<0.24	<0.24

#### Notes

- 1. Samples were collected by GZA GeoEnvironmental, Inc. on August 6, 1997 and December 23, 1998, and analyzed by En Chem, Inc. of Green Bay, Wisconsin.
- 2. Concentrations are reported in units of micrograms per liter (ug/l).
- 3. Wisconsin Administrative Code (WAC) Chapter NR 140 Enforcement Standards (ESs) and Preventive Action Limits (PALs) are shown for reference, where established. Bold indicates a concentration above the ES for that parameter. Italies indicates a Pal exceedance.
- 4. DRO = diesel range organic, VOC = volatile organic compound.
- 5. Only the VOCs with sample concentrations above the laboratory detection limits are shown.
- 6. (Q) Denotes that the sample has been detected below the level of quantification (LOQ). This indicates the result is quantified due to the uncertainty of the parameter concentration between the level of detection and the LOQ).

NA=Not analyzed.

--=No Standard.

# MONITORING WELL GROUNDWATER PAH ANALYTICAL RESULTS Level Valley Dairy West Bend, Wisconsin

		WAC NR 140		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7
Parameter	Units	ES	PAL	Aug-97						
<u>PAHs</u>										
Acenaphthene	ug/l			<0.51	<0.51	<0.51	<0.51	0.76	<0.51	<0.51
Acenaphthylene	ug/l			<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
Anthracene	ug/l	3,000	600	<0.019	<0.019	< 0.019	<0.019	<0.019	<0.019	<0.019
Benzo(a)anthracene	ug/l			<0.011	<0.011	< 0.011	<0.011	<0.011	<0.011	<0.011
Benzo(a)pyrene	ug/l	0.2	0.02	<0.011	<0.011	<0.011	< 0.011	<0.011	<0.011	<0.011
Benzo(b)fluoranthene	ug/l	0.2	0.02	< 0.010	0.013	<0.010	< 0.010	<0.010	<0.010	<0.010
Benzo(g,h,i)perylene	ug/l			<0.011	0.015	< 0.011	< 0.011	< 0.011	<0.011	<0.011
Benzo(k)fluoranthene	ug/l			<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080	<0.0080
Chrysene	ug/l	0.2	0.02	<0.013	0.026	< 0.013	<0.013	<0.013	<0.013	<0.013
Dibenzo(a,h,)anthracene	ug/l			<0.012	<0.012	<0.012	<0.012	<0.012	<0.012	<0.012
Fluoranthene	ug/l	400	80	0.017	0.037	< 0.011	< 0.011	0.063	<0.011	0.062
Fluorene	ug/l	400	80	<0.061	<0.061	<0.061	< 0.061	0.34	<0.061	<0.061
Indeno(1,2,3-cd)pyrene	ug/l			<0.012	0.014	<0.012	<0.012	<0.012	<0.012	<0.012
l-Methylnaphthalene	ug/l			1.5	<0.45	<0.45	<0.45	<0.45	<0.45	1.3
2-Methylnaphthalene	ug/l			2.3	<0.42	<0.42	<0.42	<0.42	<0.42	1.9
Naphthalene	ug/l	40	8	11	1.8	<0.48	0.99	<0.48	<0.48	1.1
Phenanthrene	ug/l			<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	0.10
Pyrene	ug/L	250	50	0.014	0.025	<0.010	<0.010	0.028	<0.010	0.049

#### Notes

- 1. Samples were collected by GZA GeoEnvironmental, Inc. on August 6, 1997, and analyzed by En Chem, Inc. of Green Bay, Wisconsin.
- 2. Concentrations are reported in units of micrograms per liter (ug/l).
- 3. Wisconsin Administrative Code (WAC) Chapter NR 140 Enforcement Standards (ESs) and Preventive Action Limits (PALs) are shown for reference, where established.
- 4. PAH = polycyclic aromatic hydrocarbons.

Table 2 STS's Groundwater Analytical Results Summary Level Valley Dairy Facility West Bend, Wisconsin (All units in ug/l, unless noted otherwise)

							Temporary Well Number							QA/QC
		NR	140	TW99-1	TW99-2	TW99-3	TW99-4	TW99-5	TW99-6	TW99-7	TW99-8	TW99-9	TW99-10	Trip Blank
		ES	PAL	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99	8/29/99
Paramet	er	Time to the second	1	<del>                                     </del>					i -	1			i	
VOCs			1			1								l
	Benzene	5	0.5	1.1	6400	8.8	0.84	0.63	< 0.50	2.2	<0.50	< 0.50	<0.50	< 0.50
	n-Butylbenzene			< 0.50	<250	<2.5	< 0.50	< 0.50	< 0.50	< 0.50	1.7	< 0.50	< 0.50	< 0.50
	sec-Butylbenzene	_	_	< 0.50	<250	13	< 0.50	< 0.50	< 0.50	0.54	<0.50	< 0.50	< 0.50	< 0.50
	Chloroberzene			6.2	<250	<2.5	< 0.50	< 0.50	< 0.50	< 0.50	<0.50	<0.50	< 0.50	< 0.50
	Chłoroform	6	0.6	< 0.14	<70	4	<0.14	<0.14	<0.14	< 0.14	< 0.14	< 0.14	2.7	< 0.14
	1,2-Dichlorobenzene	600	60	110	<250	<2.5	<0.50	< 0.50	< 0.50	< 0.50	<0.50	< 0.50	< 0.50	< 0.50
	1,3 Dichlorobenzene	1250	125	34	<250	<2.5	<0.50	< 0.50	<0.50	<0.50	<0.50	< 0.50	< 0.50	< 0.50
	1.4 Dichlorobenzene	75	15	44	<250	<2.5	<0.50	< 0.50	< 0.50	<0.50	1.1	< 0.50	< 0.50	<0.50
	1,1-Dichloroethane	850	85	1.8	<250	<2.5	<0.50	<0.50	<0.50	<0.50	<0.50	< 0.50	<0.50	<0.50
	cis-1.2-Dichloroethene	70	7	3.1	<250	<2.5	<0.50	< 0.50	< 0.50	<0.50	<0.50	< 0.50	< 0.50	<0.50
	Ethylbenzene	700	140	< 0.50	2100	2.9	<0.50	< 0.50	<0.50	<0.50	<0.50	<0.50	< 0.50	<0.50
	Isopropylbenzene	_		<0.50	<250	5.5	<0.50	<0.50	<0.50	<0.50	6.1	<0.50	< 0.50	<0.50
	p-Isopropyltoluene	1	·	<0.50	<250	16	< 0.50	< 0.50	< 0.50	<0.50	<0.50	< 0.50	< 0.50	<0.50
	Methylene chloride	5	0.5	< 0.53	<270	2.6A	<0.53	< 0.53	0.86A	<0.53	<0.53	<0.53	< 0.53	< 0.53
	n-Propylbenzene			< 0.50	360	31	<0.50	<0.50	< 0.50	<0.50	12	< 0.50	< 0.50	< 0.50
	Toluene	1,000	200	< 0.50	4600	14	1.5	2.9	0.78	1.4	2.9	< 0.50	< 0.50	<0.50
	1,2,4-Trichlorobenzene	70	14	2.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
	Trimethylbenzenes	480	96	<1.0	3480	131	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	Trichloroethene	5	0.5	1.2	<250	<2.5	<0.50	< 0.50	<0.50	<0.50	0.6	<0.50	< 0.50	<0.50
	Xylenes, Total(A)	10,000	1,000	<0.50	13000	7.5	0.88	0.81	0.71	<0.50	6.1	<0.50	0.84	<0.50
										0.00				0,00
PAHs														
	Anthracene	3000	600	NA	< 0.25	<0.20	NA	NA	NA NA	1.1	<0.25	NA.	NA	NA
	Benzo(a)anthracene	_	_	NA	< 0.013	0.013	NA	NA	NA.	< 0.010	< 0.013	NA	NA	NA
	Benzo(a)pyrene	0.2	0.02	NA .	0.059	<0.020	NA	NA	NA	0.27	<0.025	NA	NA	NA.
	Benzo(b)fluoranthene	0.2	0.02	NA NA	0.080	<0.020	NA	NA	NA	0.18	< 0.025	NA	NA NA	NA
	Benzo(g,h,i)perylene			NA NA	0.076	< 0.060	NA	NA	NA	0.091	< 0.075	NA	NA	NA
	Benzo(k)fluoranthene			NA .	0.020	< 0.010	NA	NA	NA	0.033	<0.013	NA.	NA	NA
	Chrysene	0.2	0.02	NA NA	0.17	< 0.050	NA.	NA	NA	.55	< 0.063	NA	NA	NA NA
	Fluoranthene	400	80	NA	5.3	<1.0	NA	NA	NA	8.2	<1.3	NA.	NA	NA.
	Fluorene	400	80	NA	<1.3	<1.0	NA	NA	NA	3.0	<1.3	NA.	NA	NA
	1-Methlynaphthalene			NA	<3.8	7.0	NA.	NA	NA.	5.8	<3.8	NA NA	NA.	NA NA
	2-Methylnaphthalene			NA	7.1	<3.0	NA	NA.	NA.	<3.0	<3.8	NA	NA	NA.
	Naphthalene	40	8	NA	68	<3.0	NA	NA	NA	<3.0	<3.8	NA	NA	NA
	Phenanthrene		f = =	NA NA	7.2	1.0	NA NA	NA	NA	9.1	<0.38	NA NA	NA	NA NA
DRO (mg	/1)		-	NA	12	0.22	NA	NA	NA	1.4	0.3	NA NA	NA .	NA

#### Notes:

- ES Enforcement Standard as established in Chapter NR140, WAC (Table 1). (Bold)
- PAL Preventative Action Limit as established in Chapter NR140, WAC (Table 1). (Italics)
- -- No Chapter NR140, WAC Public Health Standard, Proposed NR140, WAC Public Health Standard, or PAL-Equivalent RBC established.
- 15 Analyte detected above reporting limit.
  NA Not Analyzed

- OA/QC Quality Assurance/Quality Control
  Xylenes are regulated as total xylenes. Results represent the sum of m- & p-xylene and o-xylene.
- Only detected parameters shown.
- VOCs Volatile Organic Compounds: PAHs Polynuclear Aromatic Hydrocarbons; DRO Diesel Range Organics "Ar The concentration found of this analyte is characteristic of a laboratory artifact.
- 10
- These are temporary wells and not NR141 installed and developed monitoring wells; therefore only VOCs are compared to NR140 ES and PAL standards.

# TABLE 3 GZA GROUNDWATER ANALYTICAL RESULTS Level Valley Dairy West Bend, Wisconsin

Parameters	Units	WACN	NR 140	MW-11
Farameters	Units	ES	PAL	1V1 VV - 1 1
Detected VOCs				
s-Butylbenzene	ug/l			< 0.29
Chloroform	ug/l	6	0.6	0.48
1,4-Dichlorobenzene	ug/l	75	15	< 0.3
Methylene chloride	ug/l	5	0.5	0.88*
Tetrachloroethene	ug/l	5	0.5	< 0.43
Xylenes, -m, -p	ug/l	10,000	1,000	0.62
Detected PAHs				
Pyrene	ug/l	250	50	0.041
Phenanthrene	ug/l			0.093
Naphthalene	ug/l	40	8	0.11
Fluorene	ug/l	400	80	0.046
Fluoranthene	ug/l	400	80	0.067
Chrysene	ug/l	0.2	0.02	0.02
Acenaphthene	ug/l			0.064
2-Methylnphthalene	ug/l			0.089
1-Methylnaphthalene	ug/l			0.064

## Notes:

- 1. Samples were collected by GZA GeoEnvironmental, Inc. on April 8, 2000, and analyzed by En Chem, Inc. of Green Bay, Wisconsin.
- 2. Volatile organic compound (VOC) analyses performed in accordance with US EPA Analytical Method 8260B. Polynuclear aromatic hydrocarbons (PAH) analyses performed in accordance with US EPA Analytical Method 8270.
- 3. Wisconsin Administrative Code (WAC) Chapter NR 140 groundwater Enforcement Standards (ES) and Preventive Action Limits (PAL) presented where established.
- 4. NA = Not Analyzed.
- 5. Only compounds detected above laboratory detection limits are shown.
- --=No standards established.
- \*=Methylene chloride is a common laboratory artifact.

TABLE 4
ADDITIONAL RECENT GROUNDWATER SAMPLING RESULTS
BY STS (units in ug/L)

Date	Location	<u>Results</u>
November, 2001	MW-7	Cis-1,2-dichloroethene 1.52 (PAL-7)
	MW-7	Vinyl Chloride 3.07 (ES-0.2)
	MW-10	No VOC Detections
July, 2002	On site potable well*	No VOC Detections
December, 2002	Off-site: 788 Pleasant	No VOC Detections
	Valley Road*	
	Off-site: 800 Pleasant	No VOC Detections
	Valley Road*	

MW=Monitoring Well ES=NR140 Enforcement Standard PAL=NR140 Preventive Action Limit VOC=Volatile Organic Compound

<sup>\*</sup> Results are attached.

**2**004/004

Client: Level Valley Dairy

Report: 749896-97

Sampling Point: Well Separator Room

PWS ID#: 26703028

	Report			(2)	Report	
PARAMETER	Limit **	Result	MCL	M PARAMETER	Limit **	Result
	(ug/L)	(ug/L)	(ug/L)	(A) 50	(ug/L)	(ug/L)
Regulated Par	ameters:			S Unregulated Parari	ieters	rau Marian
Benzene	0.5	< 0.5	5	Bromobenzene_	0.5	< 0.5
Bromodichloromethane	0.5	< 0.5	80 *	Bromochloromethane	0.5	< 0.5
Bromoform	0.5	< 0.5	80 *	Bromomethane	0.5	< 0.5
Carbon tetrachloride	0.5	< 0.5	5	n-Butylbenzene	0.5	< 0.5
Chlorobenzene	0.5	< 0.5	100	sec-Butylbenzene	0.5	< 0.5
Chloroform	0.5	< 0.5	* 08	tert-Butylbenzene	0.5	< 0.5
Dibromochloromethane	0.5	< 0.5	* 08	Chloroethane	0.5	< 0.5
1,2-Dibromo-3-Chloropropane	0.2	< 0.2	0.2 †	Chloromethane	0.5	< 0.5
1,2-Dibromoethane(EDB)	0.2	< 0.2	0.05 †	2-Chlorotoluene (o-)	0.5	< 0.5
1,2-Dichlorobenzene	0.5	< 0.5	600	4-Chlorotoluene (p-)	0.5	< 0.5
1,4-Dichlorobenzene	0.5	< 0.5	75	Dibromomethane	0.5	< 0.5
1,2-Dichloroethane	0.5	< 0.5	5	1,3-Dichlorobenzene	0.5	< 0.5
1,1-Dichloroethylene	0.5	< 0.5	7	Dichlorodifluoromethane	0.5	< 0.5
cis-1,2-Dichloroethylene	0.5	< 0.5	70	1,1-Dichloroethane	0.5	< 0.5
trans-1,2-Dichloroethylene	0.5	< 0.5	100	1,3-Dichloropropane	0.5	< 0.5
Dichloromethane	0.5	< 0.5	5	2,2-Dichloropropane	0.5	< 0.5
1,2-Dichloropropane	0.5	< 0.5	5	1,1-Dichloropropylene	0.5	< 0.5
Ethylbenzene	0.5	< 0.5	700	cis-1,3-Dichloropropylene	0.5	< 0.5
Styrene	0.5	< 0.5	100	trans-1,3-Dichloropropylene	0.5	< 0.5
Tetrachloroethylene	0.5	< 0.5	5	Hexachlorobutadiene	0.5	< 0.5
Toluene	0.5	< 0.5	1000	Isopropylbenzene	0.5	< 0.5
1,2,4-Trichlorobenzene	0.5	< 0.5	70	4-Isopropyltoluene (p-)	0.5	< 0.5
1,1,1-Trichloroethane	0.5	< 0.5	200	Naphthalene	0.5	< 0.5
1,1,2-Trichloroethane	0.5	< 0.5	5	n-Propylbenzene	0.5	< 0.5
Trichloroethylene	0.5	< 0.5	5	1,1,1,2-Tetrachloroethane	0.5	< 0.5
Vinyl chloride	0.2	< 0.2	2	1,1,2,2-Tetrachloroethane	0.5	< 0.5
Total Xylenes	0.5	< 0.5	10,000	1,2,3-Trichloroberizene	0.5	< 0.5
				Trichlorofluoromethane	0.5	< 0.5
				1,2,3-Trichloropropane	0.5	< 0.5
				1,2,4-Trimethylbenzene	0.5	< 0.5
				1,3,5-Trimethylbenzene	0.5	< 0.5
				Methyl-t-butyl ether (MTBE)	0.5	< 0.5

Method: 524.2

Analysis Date: 06/24/02

<sup>\*</sup> The MCL of 80 ug/L is for total trihalomethanes and compliance samples must be collected from the distribution system.

<sup>\*\*</sup> EHL has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

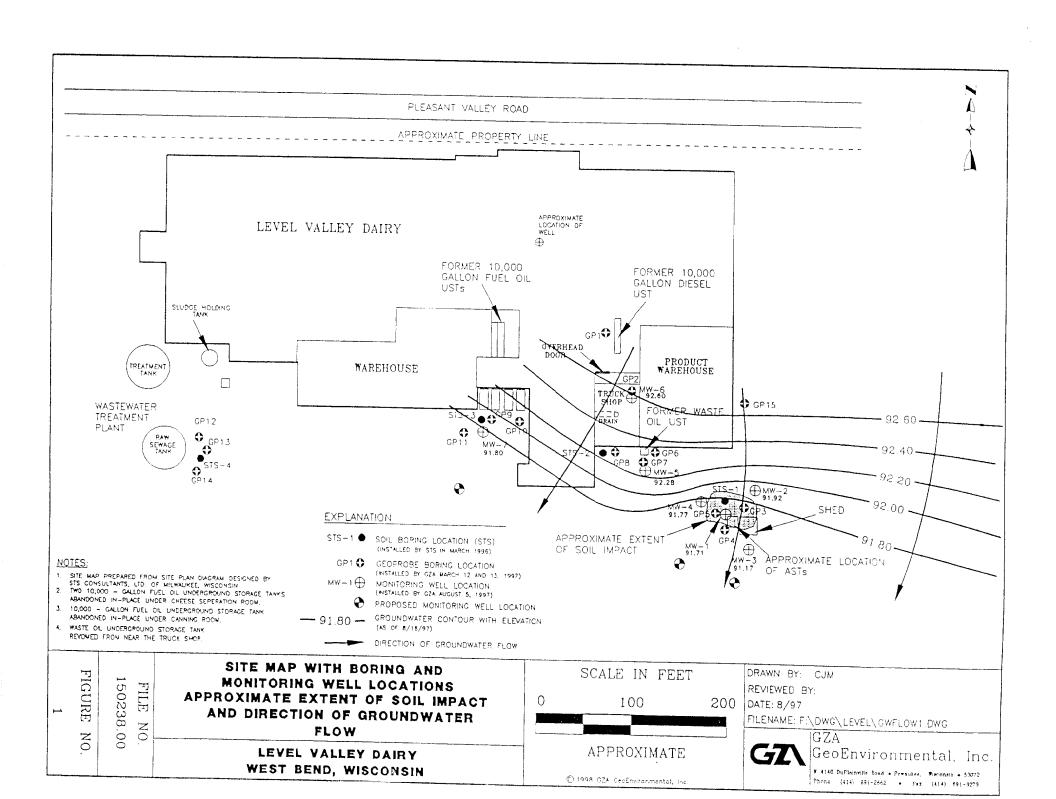
<sup>†</sup> Compliance monitoring for these parameters must be done using EPA method 504.1

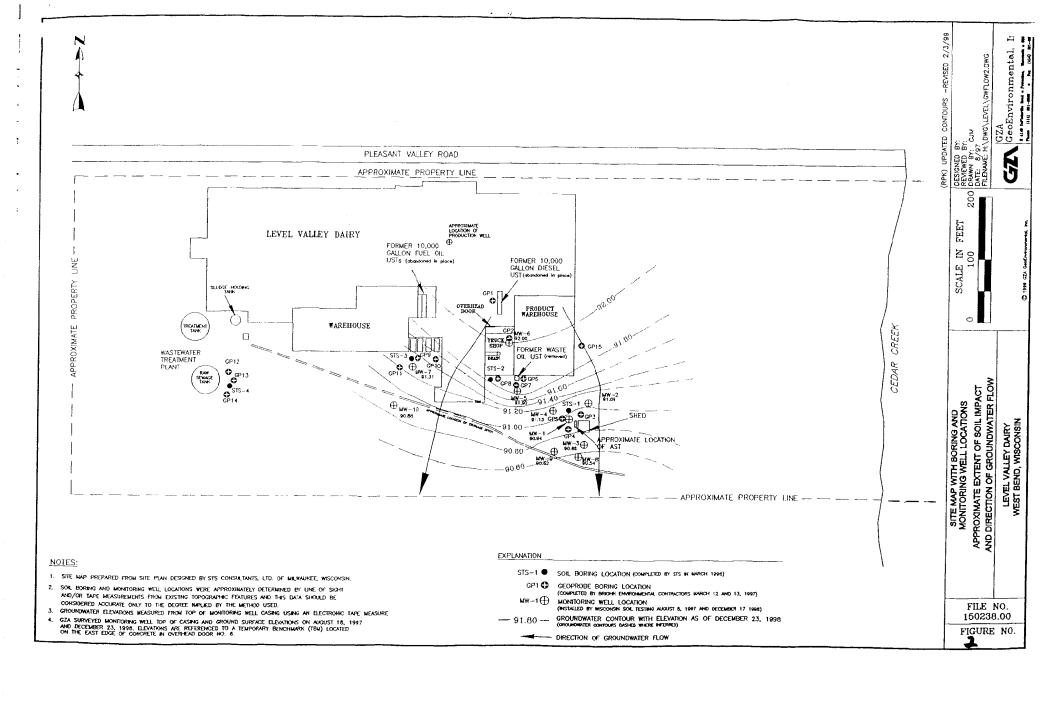
TABLE 1
MONITORING WELL INFORMATION
Level Valley Dairy
West bend, Wisconsin

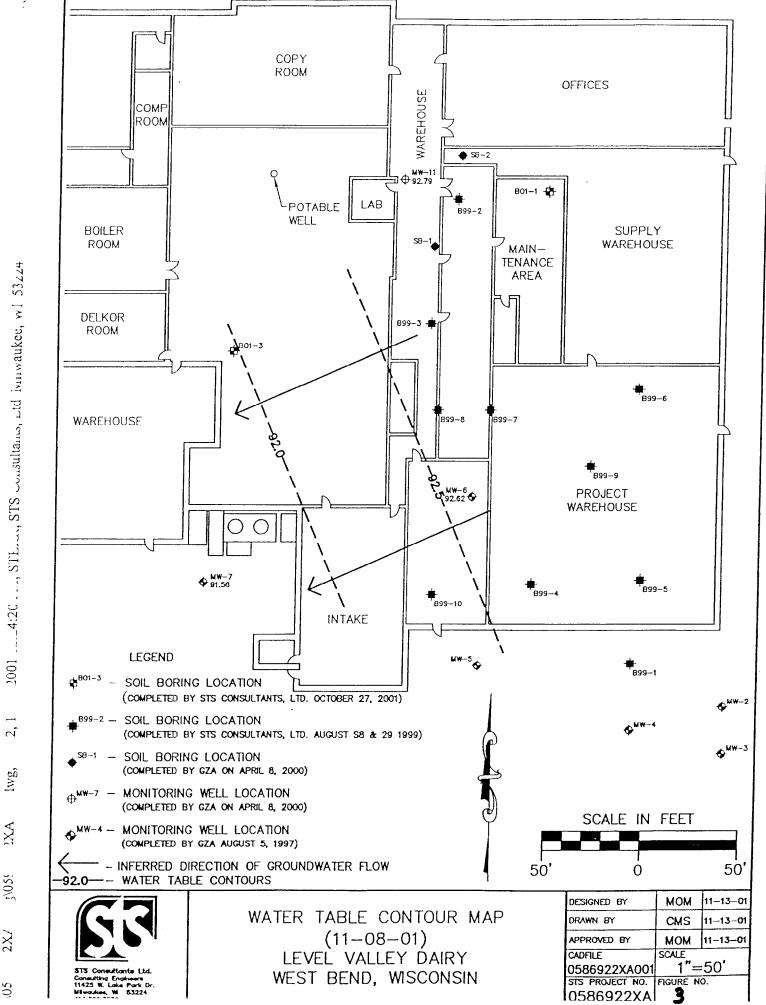
Well	Total	Screen	Date	Water Depth	from Top of Casing	Top of	Ground	Water Lev	el Elevation
Number	Depth	Length	Installed	18-Aug-97	23-Dec-98	Casing Elevation	Surface Elevation	12-Jun-97	19-May-98
MW-1	13.0	10.0	5-Aug-97	2.20	2.97	93.91	94.2	91.71	90.94
MW-2	13.0	10.0	5-Aug-97	2.18	3.01	94.10	94.5	91.92	91.09
MW-3	13.0	10.0	5-Aug-97	2.16	2.65	93.33	93.7	91.17	90.68
MW-4	13.0	10.0	5-Aug-97	1.79	2.43	93.56	94.3	91.77	91.13
MW-5	13.0	10.0	5-Aug-97	5.53	5.91	97.81	98.4	92.28	91.90
MW-6	13.0	10.0	5-Aug-97	6.49	7.09	99.09	99.8	92.60	92.00
MW-7	13.0	10.0	5-Aug-97	2.74	3.23	94.54	94.9	91.80	91.31
MW-8	13.0	10.0	17-Dec-98		2.30	92.84	93.3		90.54
MW-9	13.0	10.0	17-Dec-98		2.03	92.65	92.9		90.62
MW-10	13.0	10.0	17-Dec-98		3.53	94.41	95.0		90.88

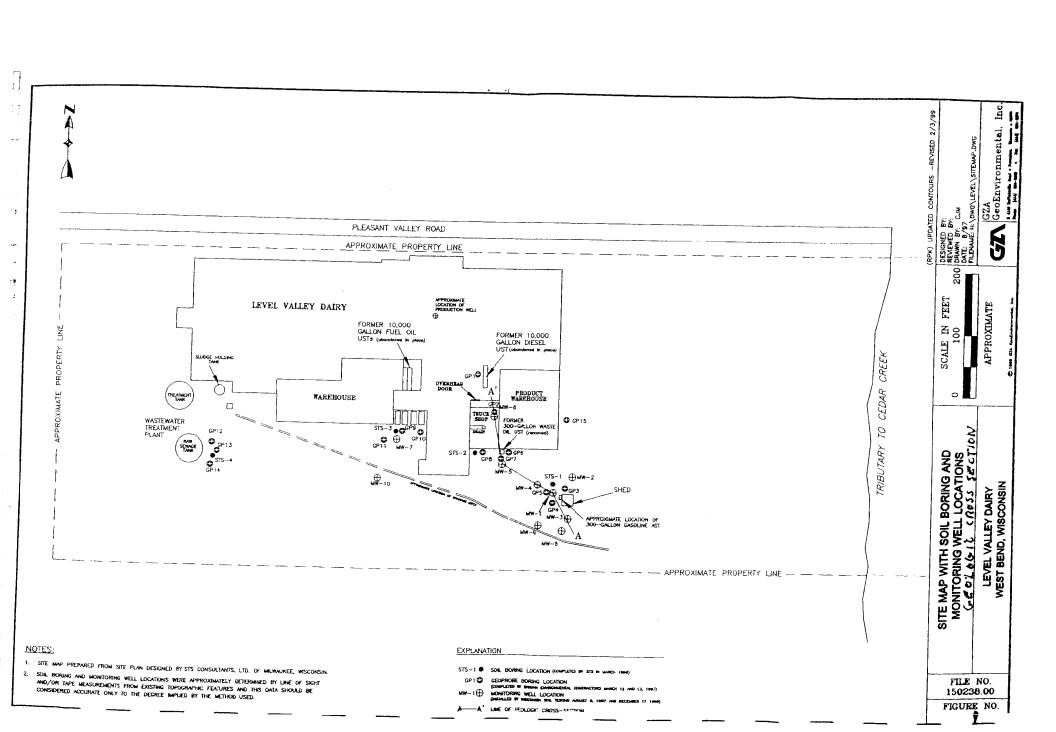
#### Notes:

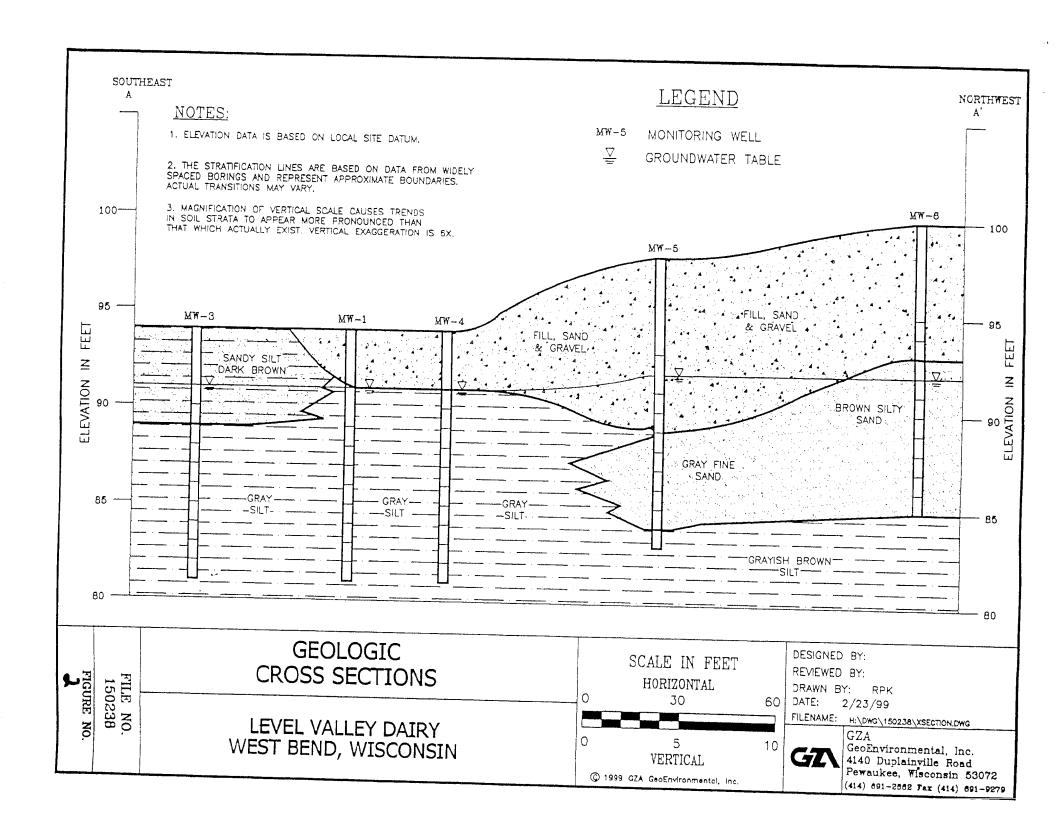
- 1. Well depths were measured by GZA GeoEnvironmental, Inc. in feet using an electronic tape measure from top of PVC well casing.
- 2. Elevations are referenced to a site benchmark.











Document Number

**DEED RESTRICTION** 

# Declaration of Restrictions

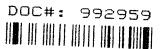
In Re: The legal description of the property is provided as Exhibit A. (See attached).

STATE OF WISCONSIN

) ss

COUNTY OF WASHINGTON ) [County where document is signed]

WHEREAS, Level Valley Creamery, Inc. is the owner of the abovedescribed property.



Recorded MAY 20,2003 AT 10:00AM SHARON A. MARTIN REGISTER OF DEEDS WASHINGTON COUNTY, WI Fee Amount: \$33.00

Recording Area

Name and Return Address

John M. Van Lieshout Reinhart Boerner Van Deuren s.c. 1000 North Water Street Milwaukee, WI 53202

T7 0312 00A

Parcel Identification Number

WHEREAS, one or more petroleum hydrocarbon discharges have occurred on this property, and as of the date when soil samples were collected on this property, petroleum hydrocarbon-contaminated soil remained on this property at the locations listed in the Table as Exhibit B (see attached) and shown on the Figures as Exhibit C (see attached).

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further soil remediation activities on the property at the present time.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

The paved surfaces and the building foundation that existed on the above-described property on the date that this restriction was signed form a barrier that must be maintained in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. These structures are also required in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code. The paved surfaces and the building foundation shall be maintained on the above-described property in the petroleum hydrocarbon impacted locations shown on the attached map, labeled "Exhibit C" unless another barrier, with an infiltration rate of 10<sup>7</sup> cm/sec or less, is installed and maintained in their place. The existing structures, and any replacement barrier with an infiltration rate of 107 cm/sec or less, shall be maintained on the above-described property in compliance with the "Pavement Maintenance Plan" dated January 24, 2003, that was submitted to the Wisconsin Department of Natural Resources by Level Valley Creamery, Inc., as required by section NR 724.13(2), Wis. Adm. Code (See Exhibit D).

In addition, the following activities are prohibited on any portion of the above-described property where an impervious cap has been placed or where impervious surfaces exist over the impacted soils shown in Exhibit C, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources or its successor or assign: (1) Excavating or grading of the land surface; (2) Filling on capped areas and areas with impervious surfaces; (3) Plowing for agricultural cultivation; and (4) Construction or installation of a building or other structure with a foundation that would sit on or be placed within the cap or impervious surface.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction inures to the benefit of and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is not longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded by the property owner or other interested party to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

By signing this document, Richard Rosenbalm asserts that he is duly authorized to sign this document on behalf of Level Valley Creamery, Inc.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this
164 day of May, 2003.
Signature: Liach Commence Comm
Printed Name: Referred L. Rosenbalm

Subscribed and sworn to before me

this 16 day of May, 2003.

Laceral Diencles Holl

Notary Public, State of Wisconsin

My commission 8-13-06

This document was drafted by Scott D. Prill.

### EXHIBIT A

# Legal Description

### Parcel 1:

That part of the North one-half of the Northwest Quarter (N½ of the NW¼) of Section Twelve (12), in Township Ten (10) North, of Range Twenty (20) East, Town of Jackson, Washington County, Wisconsin, described as follows:

Commencing at a point in the North line of said Section, 1161 feet West of the North quarter post of said Section, and running thence West 215.50 feet; thence South 297 feet; thence East 215.50 feet; thence North 297 feet to the place of beginning.

## Parcel 2:

That part of the North Half of the Northwest Quarter (N½ NW¼) of Section 12, in Township 10 North of Range 20 East, Town of Jackson, Washington County, Wisconsin, described as follows:

Commencing at a point in the North line of said Section 1376.50 feet West of the North quarter post of said Section, and running thence West 60 feet; thence South 297 feet; thence East 60 feet; thence North 297 feet, to the place of beginning.

### Parcel 3:

That part of the Northwest Quarter of the Northwest Quarter (NW¼ NW¼) of Section 12, Township 10 North, Range 20 East, Town of Jackson, Washington County, Wisconsin, described as follows:

Commencing 700 feet east of the northwest corner of said Section 12, thence East, along the section line, 487 feet to a point which is 1436.5 feet West of the north one-quarter corner of said section 12, thence south, at right angles, 297 feet; thence West, 487 feet; thence North, 297 feet to the point of beginning.

# Parcel 4:

That part of the North Half of the Northwest Quarter (N½ NW¼) of Section Twelve (12) Township Ten (10) North of Range Twenty (20) East, Town of Jackson, Washington County, Wisconsin, described as follows, viz:

Commencing at the North one-quarter corner of said Section 12; thence West along the section line, 374.00 feet to the point of beginning of this description; thence West along

the section line, 787.00 feet; thence South at a right angle, along the property line, 297.00 feet; thence West at a right angle 275.50 feet; thence South 63 degrees 35 minutes East 307.64 feet; thence South 70 degrees 24 minutes East, 331.00 feet; thence North 87 degrees 29 minutes East 478.67 feet; thence North 0 degrees 20 minutes West along a fence line 523.87 feet to the point of beginning.

### Parcel 5:

That part of the North Half of the Northwest Quarter (N½ NW¼) of Section Twelve (12) Township Ten (10) North of Range Twenty (20) East, Town of Jackson, Washington County, Wisconsin, described as follows:

Commencing at the North one-quarter corner of said Section 12; thence West along the section line, 1923.50 feet; thence South at a right angle, 297.00 feet to the point of beginning of this description; thence continuing South, 247.90 feet; thence East, 1074.34 feet; thence North 70 degrees 24 minutes West, 331.00 feet; thence North 63 degrees 35 minutes West, 307.64 feet; thence West, 487.00 feet to the point of beginning.

For informational purposes only:

Parcel identification number: T7 0312 00A Street address: 807 Pleasant Valley Road

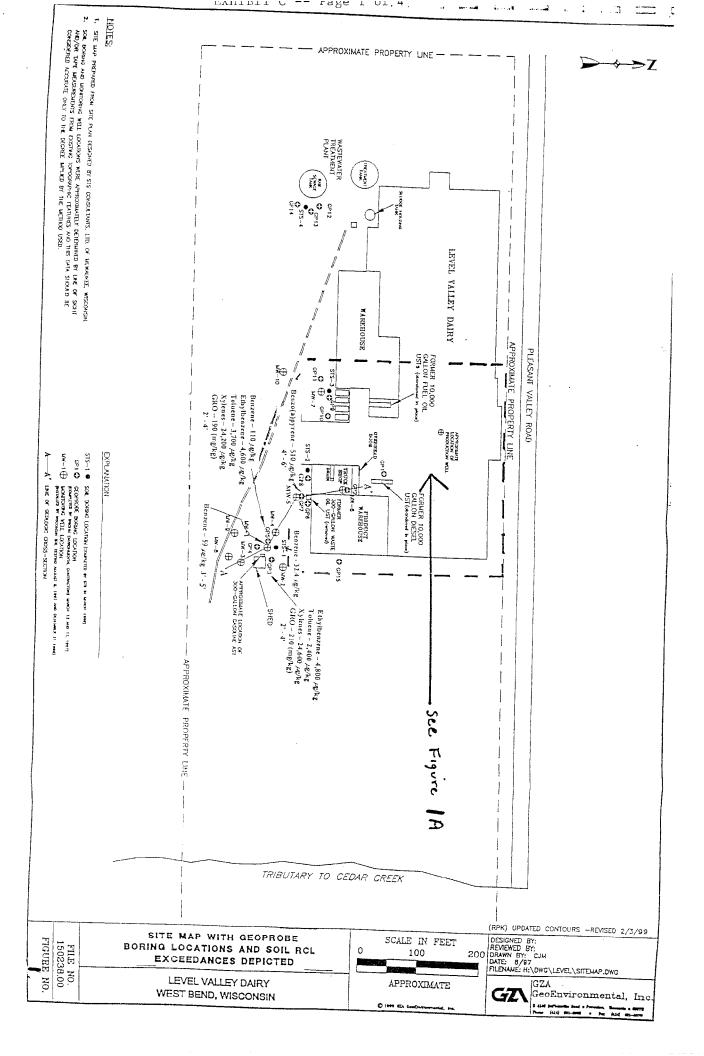
#### EXHIBIT B

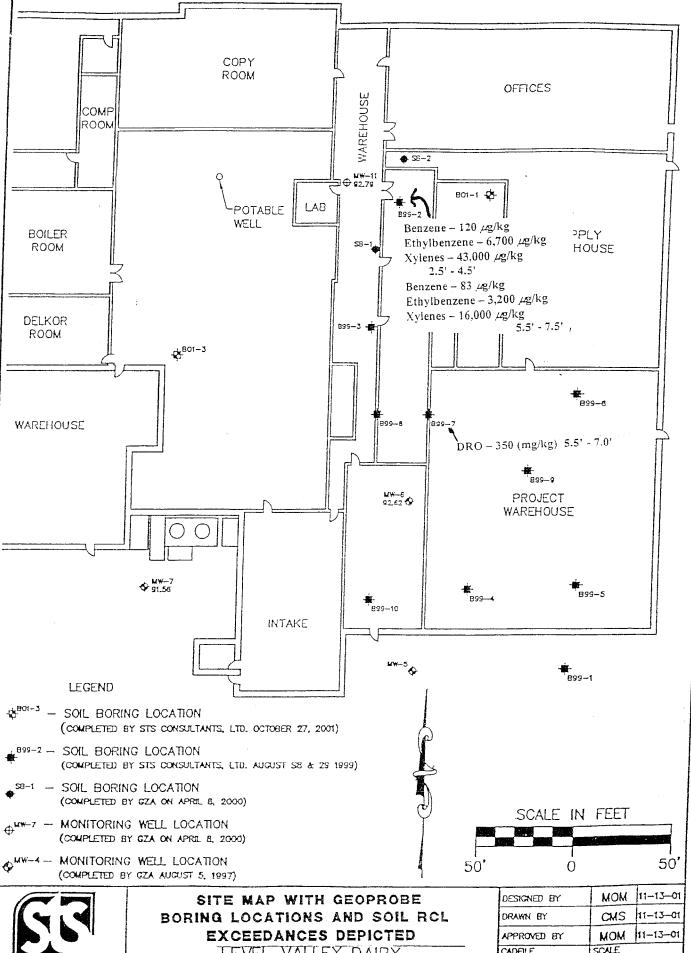
# SUMMARY TABLE NR720 RCL SOIL EXCEEDANCES

(All results are µg/kg unless otherwise indicated)

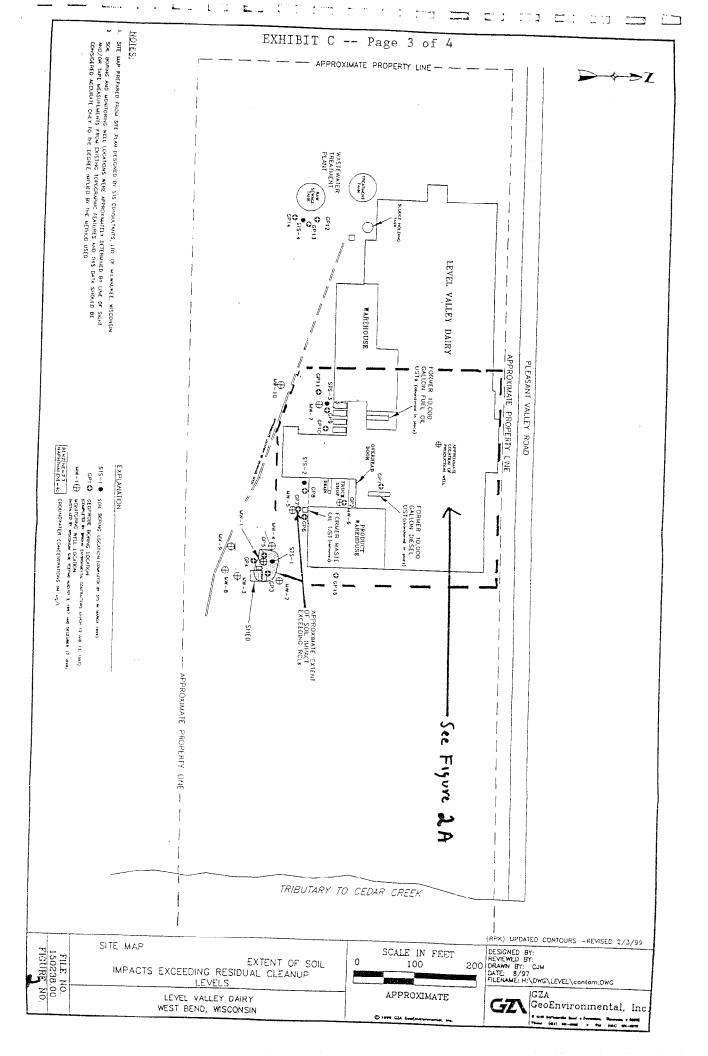
Consultant	<u>Date</u>	Location	Depth (ft)	Result
STS	March 1996	STS-1	S-1	Benzene - 32.4
GZA	March 1997	GP-3	2-4	Ethylbenzene – 4,800
				Toluene – 2,400
				Xylenes – 24,600
				GRO – 210 (mg/kg)
		GP-5	2-4	Benzene – 110
				Ethylbenzene – 4,600
				Toluene – 3,700
7				Xylenes – 24,200
				GRO – 190 (mg/kg)
		GP-7	4-6	Benzo(a)pyrene – 510
		GI = 7	7-0	Benzo(a)pytene 310
GZA	August 1997	MW-1	3-5	Benzene – 59
STS	August 1999	B99-2/S-2	2.5-4.5	Benzene – 120
				Ethylbenzene – 6,700
				Xylenes – 43,000
		B99-2/S-3	5.5-7.5	Benzene – 83
				Ethylbenzene – 3,200
				Xylenes – 16,000
		B99-7/S-3	5.5-7.0	DPO 350 (mg/kg)
		D22-1/3-3	3.3-7.0	DRO - 350  (mg/kg)

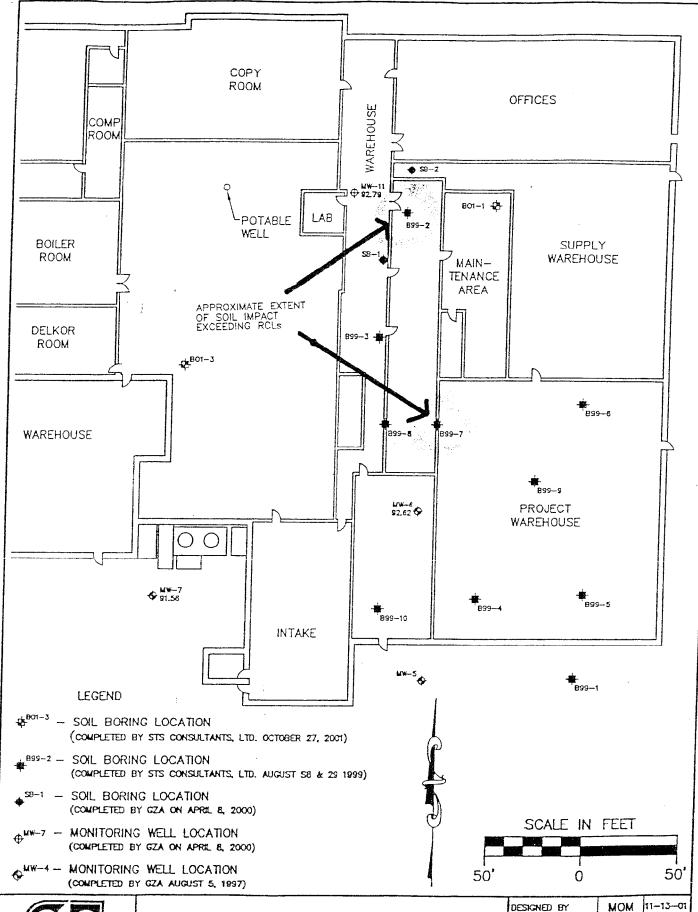
STS-STS Consultants GZA-GZA GeoEnvironmental, Inc.





DESIGNED BY	MOM	11-13-01
DRAWN BY	CMS	11-13-01
APPROVED BY	MOM	11-13-01
CADFILE	SCALE	"=50'
0586922XA001		
0586922XA		' A_







SITE MAP WITH SOIL BORING AND MONITORING WELL LOCATIONS
LEVEL VALLEY DAIRY
WEST BEND, WISCONSIN

DESIGNED BY	МОМ	11-13-01
DRAWN BY	CMS	11-13-01
APPROVED BY	MOM	11-13-01
CADFILE	SCALE	
0586922XA001	1	=50'
STS PROJECT NO.	FIGURE, N	Q.
0586922XA	2	. A.

## PAVEMENT MAINTENANCE PLAN

This Pavement Maintenance Plan (the "Plan") as been prepared for Level Valley Creamery, Inc., 807 Pleasant Valley Road, West Bend, Wisconsin (the "Property"). The purpose of this Plan is to provide routine inspection of the paved areas for integrity and allow for needed repairs in a timely manner. This Plan is part of the Deed Restriction application to areas of soil impacts on the Property.

# Background

A Phase II Environmental Site Assessment by STS Consultants ("STS") identified areas of petroleum hydrocarbon soil impacts on the Property. Since that time, STS and GZA GeoEnvironmental, Inc. have conducted several subsurface investigations on the Property. Based on their work, three areas of soil impacted by petroleum hydrocarbon compounds have been identified. These include near the former outside waste oil underground storage tank ("UST"), the outside above-ground gasoline storage tank and a former diesel UST located inside the building near a maintenance area (see attached Figure 1).

### Plan Procedures

The following Plan procedures outlined below will serve to maintain the integrity of the cap inside and outside of the building on the Property.

# Inspection and Evaluation

Regular evaluation of the pavement surfaces in the areas noted above with respect to surface condition, strength and drainage is the first step in pavement maintenance. In order to accomplish this, we suggest the following steps be taken.

- The pavement should be inspected once per calendar year; either in the spring or in the fall.
- The inspections should be scheduled either after or before the ground thaws or freezes.
- Inspections should be conducted by completing a thorough walkover of the impacted areas and vicinity on the Property to allow for observations of small cracks and defects in the surface.

A log of inspections should be maintained. The following information should be including in the inspection log:

- Date and time of inspection
- Weather conditions
- Person(s) conducting inspection
- Condition of pavement
- Areas of distress

When areas of distress are noted, the following information should be logged:

- 1. Type of distressed area
  - Cracks (linear and alligator cracking)
  - Pot Holes
  - Ruts
  - Depressed areas
  - Heaved areas
- 2. Size of distressed area
  - Length & width of cracks
  - Number of cracks
  - Dimension (length and width) of distressed area
- 3. Take photographs of each distressed area observed
  - Label the photographs with date and locations
  - Include an object in the photos of the distressed areas for scale (ruler, pen, coin, etc.)

# Repair Measures

The objective of the repair activities to distressed areas is to limit precipitation infiltration to the waste mass beneath the pavement, maintain a suitable barrier preventing direct contact with the waste mass, and minimizing deterioration of the pavement surface in areas over impacted soil inside and outside the building. Repairs to distressed areas shall be made as soon as possible after the inspection, but no later than 2 to 3 months after the date of inspection. Repair measures should be logged, including the starting time and date the repair activities occurred, location of the repaired area, and who performed the work. Photographs should be taken to record the repair activities. The repaired area should be inspected after the repair activities to confirm the integrity of the pavement surface.

Pavement repairs will vary depending on the condition of the pavement surface: good, fair, or poor.

# Repairs for Pavement in Good Condition

Condition: A pavement in good condition may have fine cracking caused by the ordinary effects of wear and tear.

Repair Measure: Apply a light seal coat over the paved surface.

# Repairs for Pavement in Fair Condition

Condition: A pavement in fair condition is characterized by random cracks of up to 1/2 inch in width.

Repair Measure: The cracks should be sealed by the following measures:

- Rout out the crack to the sealant manufacturer's specifications for width to depth ratio.
- Clean the crack using high pressure air, wire brushing, hot air blasting or similar. High pressure water is not recommended due to the possible infiltration of water below the pavement surface.
- If the depth of the crack is greater than 3/4 inch, a backer rod suitable for the sealant material should be applied in the cleaned crack.
- Inspect the cracks to ensure that they are clean, dry and contain property backer rod if needed.
- Apply sealant following manufacturer's specifications.

# Repairs for Pavement in Poor Condition

Condition: A pavement in poor condition is characterized by random cracks, raveled aggregate, depressions, local alligator cracked areas, pot holes, or upheaval.

# Repair Measure:

Areas of local distress (alligator cracking, pot holes, upheaval areas) should be repaired with full depth asphalt:

- Saw the pavement around the distressed area.
- Remove the old pavement.
- Replace or add additional stone base coarse as needed.
- Clean the vertical surfaces of the pavement around the saw lines.

Cracks should be repaired following similar methods to pavement in fair condition.

Depressed areas can be repaired with the application of a leveling course of asphalt. Depressed areas should be repaired as a preventive measure before cracking is observed.

#### Records

Inspection and repair logs including photographs should be maintained on the Property for a period of at least five years.

# CERTIFICATE OF LEGAL DESCRIPTION

Date:	January 24, 2003	
Site Name:	Level Valley Creamery, Inc.	
Site Address:	807 Pleasant Valley Road	
	West Bend, WI 53095	
Responsible Party:	Level Valley Creamery, Inc.	
Address:	807 Pleasant Valley Road	
	West Bend, WI 53095	

The undersigned, an officer of the above-named responsible party, certifies that Level Valley Creamery, Inc., f/k/a Level Valley Dairy Co., a/k/a Level Valley Dairy Company, is the present owner of the real estate commonly known as 807 Pleasant Valley Road, West Bend Wisconsin and more particularly described in Tab 2 attached hereto (the "Property").

The undersigned further certifies that such legal description is a complete and accurate description of the Property within the contaminated site's boundaries that have groundwater contamination that exceeds ch. NR140 enforcement standards at the time of this case closure request. The Property is described on the following deeds (copies of which are attached in Tab 2):

- 1. Warranty Deed from Ethel Devenport to Level Valley Dairy Company dated March 29, 1957 and recorded with the Washington County Register of Deeds on April 3, 1957 as document 236440;
- 2. Warranty Deed from Douglas D. Devenport and Norrine Devenport, his wife to Level Valley Dairy Co. dated March 14, 1961 and recorded with the Washington County Register of Deeds on March 17, 1961 as document 256087;
- 3. Warranty Deed from Arthur Schmidt and Meta Schmidt, his wife to Level Valley Dairy Co. dated April 10, 1963 and recorded with the Washington County Register of Deeds on May 29, 1963 as Document 268032;
- 4. Warranty Deed from Louis W. Scheunemann and Alice H. Scheunemann, his wife, to Level Valley Dairy Company dated May 6, 1976 and recorded with the Washington County Register of Deeds on June 2, 1976 as Document 373790; and

5. Warranty Deed from Louis W. Scheunemann and Alice H. Scheunemann, his wife, to Level Valley Dairy Co. dated March 21, 1985 and recorded with the Washington County Register of Deeds on March 21, 1985 as Document 476907.

Additionally, the undersigned certifies that the plat map attached hereto as Tab 3 is an accurate depiction of the Property.

Dated this day of January 2003.

LEVEL VALLEY CREAMERY, INC.

BY Its Comment of Comm